October - November, 1973

The National Future Farmer

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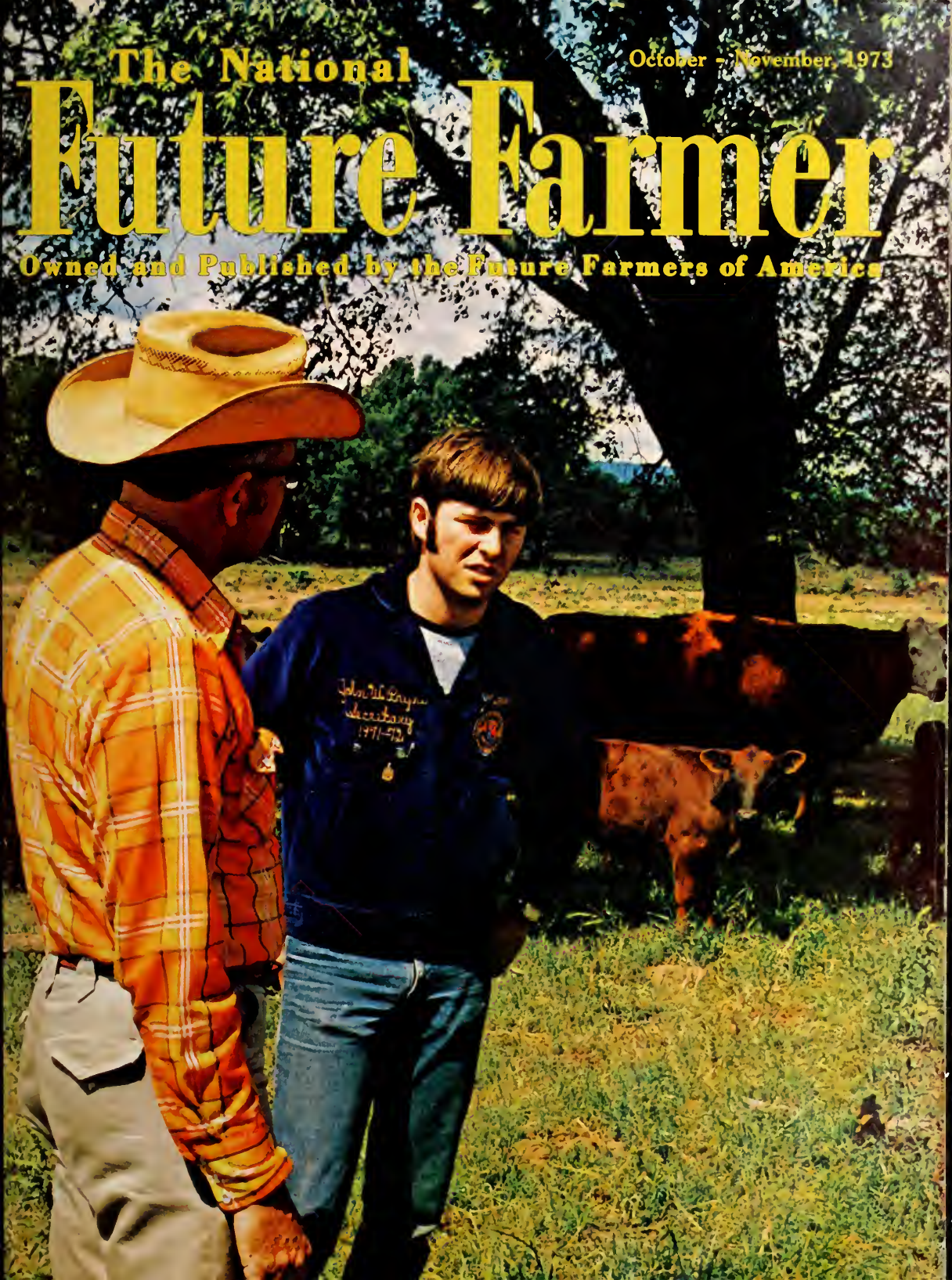

Minority involvement

God has raised up Bob Jones University to provide for a minority group the world cares nothing about—born-again Christian young people who not only have their faith in Christ but also live by that faith. Such young people are hard to find in the world, but they are everywhere at Bob Jones University. They are rejected by the world but welcomed by Bob Jones University.

The message of this minority is the only hope of our troubled world. The uniqueness of their mission makes mandatory a "special" school catering to their particular needs.

The majority won't come to Bob Jones University, but it is not the majority we are here for.

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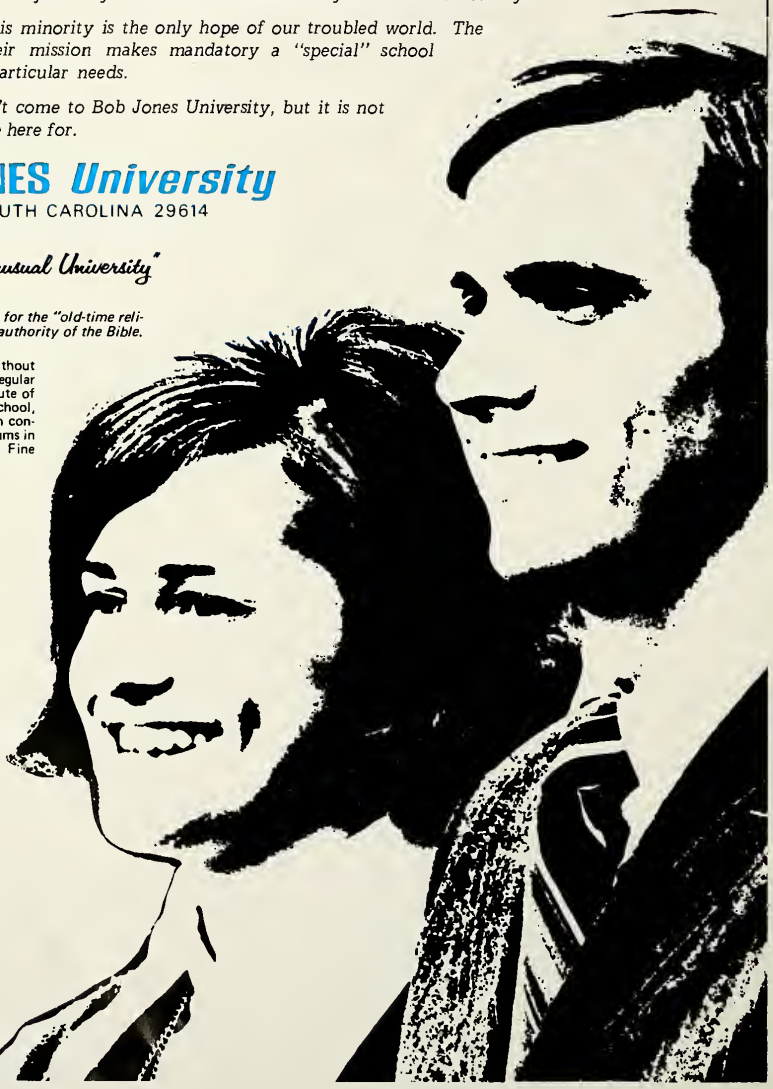

Mike Boyd is about people, opportunities and careers.

Just a few short years ago Mike Boyd could have gone into pro basketball or football. He's that good.

Instead, Mike chose a career at General Motors Institute. He's very good at that, too. Mike Boyd's career involves helping young people make decisions about their own opportunities and careers.

Mike's a recruiter in a very special field at GMI. He's deeply committed to the Pre-Engineering and Management Program. It's for young people who might not ordinarily qualify for GMI because of inadequate or deprived schooling backgrounds.

The success of this program has been quite gratifying, especially to Mike. A very high percentage of those who've started in Pre-EM have gone on to further opportunities at the GMI campus. In fact, there are more than 3,000 men and women advancing toward bachelor degrees in industrial, mechanical and electrical engineering, as well as in industrial administration at GMI right now. The five-year program allows students to rotate six-week sections at GMI with employment periods at sponsoring GM units.

Although it's not specifically a part of his job, Mike continues to maintain a casual but interested relationship with his recruits. He may rap with them over a game of pool or under a basketball net.

And Mike Boyd is but one of the personable people GMI is all about.

For more information about opportunities at GMI, write: Office of Admissions, GMI, Flint, Michigan 48502.

GM
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General Motors

Interesting people doing interesting things.

The National
Future Farmer

VOLUME 22 NUMBER 1 OCTOBER-NOVEMBER, 1973

Departments

Looking Ahead	6	The Chapter Scoop	44
From The Mailbag	10	The Joke Page	58

Agri-Emphasis: Livestock

Building A Dairy Herd	24	What Breed Groups Do?	26
Make Chores Easier	25	Producing Hogs	35

Other Features

State Presidents Motivated	8	Specializing In Horticulture	42
Convention Time Is Here	12	Ambition Pays Off	46
Look At The Stars	13	He's Still Involved	47
Saving Time	22	Colombians To U.S.	51
Nutrition, Their Goal	38	Two POW's Were Officers	52
Livestock Loans Help	40	FFA In Action	54

Our Cover

A few miles east of Petit Jean Mountain in Arkansas lies a ranch operated by Herschel Payne and his son John, a member of the Morrilton Chapter. Our cover of John and his father discussing their Santa Gertrudas cross-breeding program in lush pasture is a regular scene on the Payne ranch. To get the full story on how John and his dad maximize their beef profits read "Saving Time Cuts Their Production Costs" beginning on page 22.

Story and Photos by Ron Miller

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Our Image is Showing

WE have a problem in the FFA. It is the appearance of FFA members. Sounds shocking, doesn't it?

Yet when some of FFA's best friends tell us, and you can observe it first hand, it must be true.

Obviously not all FFA members are guilty but some are. As the school year gets underway, the National FFA Convention coming up, and other FFA activities scheduled, it is a good time to take another look into the mirror and see how we look.

FFA delegates to the 1952 National Convention felt so strongly about this they adopted a "Code of Ethics." We printed it here for your review. It is also found on page 14 of the 1973 Official FFA Manual.

Code of Ethics

We will conduct ourselves at all times in order to be a credit to our organization, chapter, school and community by:

1. Dressing neatly and appropriately for the occasion.
2. Showing respect for right of others and being courteous at all times.
3. Being honest and not taking unfair advantage of others.
4. Respecting property of others.
5. Refraining from loud, boisterous talk, swearing and horseplay.
6. Demonstrating sportsmanship in the show ring, judging contests, and meetings. Modest in winning and generous in defeat.
7. Attending meetings promptly and respecting the opinion of others in discussion.
8. Taking pride in our organization, in our activities, in our farming programs, in our exhibits, and in the occupation of farming and ranching.
9. Sharing with others experiences and knowledge gained by attending National and State meetings.

New Book Published

A book entitled "Stories of the Old West" has been written by Mr. Elmer Johnson, now retired but formerly a member of the FFA Board of Directors and Program Specialists in Agriculture Education for the Pacific Region, U.S. Office of Education. Mr. Johnson was an FFA advisor for several years. Described as a glimpse of the former West in fun, frolic, fiction, and fact, the book contains 50 light-hearted vignettes about the American West. It is available from Carlton Press, Inc., 84 Fifth Avenue, New York, New York 10011. The price is $3.75 plus 30 cents to cover postage and handling.

Wilson Carnes, Editor

SIX REASONS WHY YOU SHOULD PUT FIRESTONE STEEL RADIAL 500 TIRES ON YOUR CAR VERY SOON.

1 **They will put steel between you and tire trouble.** Two strong belts of brass plated high tensile steel cord are under the tread to stand up to chuckholes, curbs and roadjunk.

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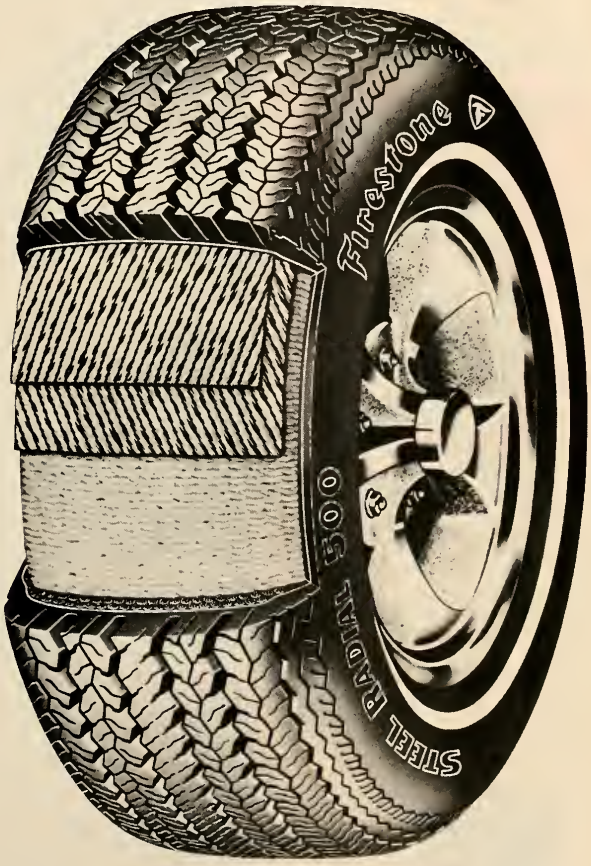
5 **Firestone gives you 7 days to test the ride.** If you're looking for a smooth-riding radial, read our offer below.

6 **We'll help you out when it comes to paying for them.** Your Firestone Revolving Charge, Master Charge, BankAmericard, Carte Blanche, Diners Club and American Express Card are good at most Firestone Dealers and stores.



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Trade in your old tires on a set of Firestone Steel Radial 500's at any Firestone Store or participating Dealer. Drive on them for seven days. If you don't like the way they handle—or ride—return them within seven days and they'll put your old tires on again and refund your money in full.

Firestone
The people tire people

hunting hints

Most hunters know that three evenly-spaced shots are a call for help from another hunter. But what you may not know is that this signal calls for an answer. Firing two shots immediately after you have heard the distress signal means that you have heard it, and that help is coming. By answering his call, you can snap a lost or injured hunter out of the panic he may feel, and encourage him to stay where he is until help arrives.

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Looking Ahead

Livestock

BEEF ORGANIZATIONS MEET—The beef industry's four principal organizations—American National Cattlemen's Association, National Livestock Feeders Association, National Live Stock and Meat Boards Beef Industry Council, and the U.S. Beef Breeds Council—met to improve industry communications to better serve cattle producers and feeders. The groups agreed to meet again in February, 1974.

LIQUID FEED DRUGS UNSTABLE—In the future drugs labeled for use in liquid feed supplements must be approved under a New Animal Drug Application before they can be marketed, as ordered by the Food and Drug Administration. The regulation which also requires new approved applications for each medicated liquid feed supplement (or premix) containing these unstable drugs becomes effective on November 5, 1973.

METER PLANTS FAST—A planter equipped with a Glencoe-Nodet "Vacu-Meter" planted a 160-acre field of corn in 13 hours at a rate of 24,000 kernels per acre in 30-inch rows at speeds of 7 to 8 miles per hour. The vacuum metering system, a product of Portable Elevator Division, Dynamics Corporation of America, will plant single seeds at speeds of up to 10 miles per hour.

Crops

OSHA DEFERS INSPECTION—Because of a court order, agriculture employers are not required to implement the emergency reentry standards on pesticides at this time. Thus, the on-farm compliance inspections to the standards, as mentioned in last issue's "Looking Ahead" item "Pesticide Standard Amended" will not be conducted until further court action.

FARM OUTPUT INCREASING—Studies by the USDA Economic Research Service foresee big increases in average crop production over the next seven years. Average corn yields are projected at 105 bushels per acre, sorghum grains at 64 bushels; barley at 55 bushels; wheat at 36 bushels; oats at 62 bushels; soybeans at 31 bushels; cotton at 510 pounds, rice at 5,300 pounds, and peanuts at 2,600 pounds.

FERTILIZER SUPPLIES SHORT—Farmers who wait until next spring to purchase fertilizer for their crops will experience even costlier delays and more serious product shortages than faced this year, warns Harry Carroll, of the International Minerals & Chemical Corporation. Main causes for a repeat of the '73 crisis are the prospects of typical bad spring weather, growing shortages of natural gas required in many fertilizer production operations, and the continued shortage of phosphate chemicals.

Management

PRODUCTION PROBLEMS GROWING—Speaking of shortages, farmers faced a new one during the best hay harvest in eight years—baling wire. Already faced with a tight feed supply in dairy and livestock regions, along with the energy crisis, what shortage can the farmers look for next?

FARM LAW CHANGES—The new 1973 agricultural law establishes target prices for farm commodities. Target prices will be adjusted for changes in farm costs in 1976 and 1977, as reported by President Nixon. Other provisions established by the four-year bill are a $20,000 per person limit on payments, a long-term conservation program, and forestry incentives.

WORLD ECONOMY CHANGING—Major economic trends appear to signal the beginning of the new world economy, predicts Ronald Anderson, of the Continental Grain Company. The trends—Japan emerging as economic power; amassing foreign exchange by Middle East oil countries; and the interdependence of the Soviet Bloc and China on Western capital and technology and the U.S., Japan, and Europe on Russia and China for energy and mineral resources—point to less risk for international conflict.

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Now you can have a single barrel shotgun that combines pride of ownership with a practical price and a durable design.

Now you can have deluxe styling in a rugged, reliable single shot shotgun that you'll love to shoot and be proud to show. Built by Winchester to look like a Winchester, swing like a Winchester, shoot like a Winchester and last like Winchester, the new Model 37A has features experienced shooters appreciate: Automatic ejector. An all-new forend spring-action locking system. Gold-plated trigger and engraved receiver. Top lever opens either left or right. Concave hammer spur for non-slip cocking . . . and exterior hammer for the kind of safety every father wants for his son — or himself.

And take a look at the wood and finish. The butt stock and forearm are newly designed for the fit and feel you want in the field . . . and executed in rugged hardwood with a rich dark walnut finish. The forearm and pistol grip are handsomely checkered, and there are white spacers between stock and buttplate and between stock and pistol grip cap.

There's a Winchester Proof Steel barrel, of course, and a brass bead front sight. And last but not least, there are two models for an unbeatable value in a matched set for father and son:

1. Model 37A Standard Shotgun in 12, 16, 20 and 28 gauge, 410 bore. Chambers 3" or 2¾" shells. (410 fires 3" or 2½"). Full choke. 12 gauge available with extra-long 36" barrel.

2. Model 37A Youth Shotgun has shorter 26" barrel and youth-size stock with rubber recoil pad. 20 gauge with "improved modified" choke. 410 bore with full choke.

WINCHESTER-Western 275 Winchester Avenue, New Haven, Conn. 06504

Model 37A Youth

winchester the way you want it

A story from an interview of these state presidents was carried in the *Washington Star-News Weekender* section.

State officers met National FFA Advisor H. Neville Hunsicker, center, and ate a picnic with FFA staff.

Conference participants spent a relaxing evening at the Kennedy Center.

Speaker of the House Carl Albert, foreground, heard the National Officers speak at the Congressional Breakfast.

Mrs. Julie Eisenhower welcomed and talked with each conference participant during the visit to the White House.

State

SEVENTY-NINE state FFA officers came to Washington, D.C. to improve their leadership skills. And after a week of meeting representatives and senators, visiting historical sights, talking with the Secretary of Agriculture, and touring the National FFA Center they should be well prepared to lead their state associations.

Kick off speaker of the conference was Confidential Assistant to the Secretary of Agriculture Ken McMillan, a former national FFA president. He told the officers, "As leaders of your state association you need to do more than inspire. You need to motivate."

And the week was packed with motivation!

On the afternoon of the first day the officers visited the National FFA Center—including the offices of the Program Division, the FFA Alumni Association, the National FFA Supply Service, and *The National FUTURE FARMER*. Led by the National Officers, the state presidents participated in a wreath placing ceremony by the grave of George Washington at his Mt. Vernon home.

During a Tuesday visit on Capitol Hill to see their congressmen, the state officers invited their representatives and senators to attend a Congressional Breakfast held later in the week. Highlighting the morning was an assembly in the House Chamber arranged by Congressman Orval Hansen, of Idaho. The state FFA officers heard Congress Minority Leader Gerald Ford, of Michigan, and Speaker of the House Carl Albert, of Oklahoma, urge them to be involved in the American political system.

That same sunny afternoon the state officers formed a reception line to shake hands with Mrs. Julie Eisenhower in the east garden of the White House. They enjoyed cookies and punch plus a special tour of the White House. The state

The state officers examined leadership to see what it takes to make a team effective.

The National Officers talked with Congressman Orval Hansen at the Capitol.

Presidents Get Motivated

officers later relaxed by dining and attending a performance at the Kennedy Center.

Speaking on Wednesday about preparing for leadership roles in our society was Ms. Pamela Powell, a staff assistant from the White House. Also on the program was Mr. Michael Russo, director of vocational and technical education in the Office of Education, fielding questions from the state FFA officers about student organizations as teaching devices. Climaxing the day, the conference participants attended a patriotic program called "Torchlight Tatoo" at the Jefferson Memorial and had their "Reflections of the Day" at the Lincoln Memorial.

Throughout the week the National FFA Officers led the state presidents in several leadership workshops. Topics centered around "Getting the Most from Your State Officer Team," "Setting State Association Goals," and "Putting on Effective State Conventions." Presentations by the national FFA staff concerning the programs and services offered by the National FFA Organization stimulated further interest.

At the Congressional Breakfast, almost 275 representatives, senators, and congressional staff heard an inspirational program featuring the National FFA Officers and the all girls FFA quartet from the North Iredel Chapter of Union Grove, North Carolina. In response Congressman Orval Hansen noted, "As long as America can continue to produce the kind of leadership found in the FFA the future of America will be filled with great hope and promise."

Representing General Motors, sponsors of the breakfast as well as the state presidents' attendance at the conference, Mr. Wallace E. Wilson, vice president, remarked, "Never have I seen so many leaders in one room at one time."

Later Dr. Sidney Marland, Jr., assistant secretary of the U.S. Office of Education, stated, "We must look to the leadership of the FFA as a model for career education."

A special visit with Secretary of Agriculture Earl Butz featured the taking of individual photographs of each state officer with the Secretary followed by a discussion with international agriculture trade leaders. Previously Secretary Butz called upon the FFA officers "to strengthen the heart power of America." He went on to advise them to share their leadership resources because "through you others will become leaders."

The events of the final day brought no let down in momentum of the exciting conference week. Colonel James Bean, a five-year prisoner of war in Vietnam and a past Kentucky state FFA president, told the participants how important it is to have faith in God, in your country, and in your family.

The state officers then witnessed a patriotic tribute at the Arlington Cemetery as the National Officers and Colonel Bean placed a wreath at the Tomb of the Unknowns. They visited the Kennedy and Iwo Jima Memorials, took a final tour of national art and historical exhibits, and again went for a swim at the Olde Colony Motor Lodge, headquarters for the conference.

The state FFA officers closed their conference participation in a typical FFA way. They attended a banquet featuring a presentation by the National Officers, songs by the North Iredel quartet, and laughed at seeing fellow officers under the spell of hypnotist Mr. Dick Hasley, of Pennsylvania.

The motivation gained at the State Presidents' Conference will live on in the service of the state officers as they associate with FFA members throughout the coming year. *(Story and Photos by Ron Miller)*

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Try for an art scholarship in advertising art and illustrating, cartooning or painting. Your entry will be judged in the month received but not later than November 30, 1973. Prizes awarded for best drawings of various subjects received from qualified entrants age 14 and over. One $25 cash award for the best drawing from entrants age 12 and 13. No drawings can be returned. Our students and professional artists not eligible. Contest winners will be notified. Send your entry today.

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Buffalo, Wyoming

When the beef boycott became a true fact in life, it greatly effected agriculturalists all over as well as FFA members. The Buffalo, Wyoming, FFA Chapter took action.

To raise the attention of their fellow FFA members in Wyoming, we sent the following letter to all chapters in our state.

We want to keep agriculture number one in Wyoming and United States. Don't you?

Linda Ritchie
Reporter

Fellow FFA Members
Interested in Agriculture:

You are aware of the recent price ceiling set on red meat. It is apparent that agricultural producers need to let fellow Americans know the importance of the agricultural dollar circulating in the United States economy, and more specifically the beef dollar.

Attached is a copy of a check enclosure which we hope you will be in favor of using. The Buffalo FFA, Sheridan County Chamber of Commerce, and both Sheridan and Johnson County Cow-Belles are asking all businessmen, producers, and sympathetic consumers to use the enclosure when paying their "out-of-state bills."

Take the enclosure and staple it to the front of your check when you pay your bills, and don't merely put the enclosure in the envelope, but actually staple the enclosure to the face of the check. The receiving person will have to read the enclosure during the time it takes to remove the staple.

Since agriculture is number one in Wyoming, and we want to keep it there, we hope you can start the action to use the enclosure in your community.

Very truly yours,

Rockville, Connecticut

Our chapter has enjoyed the quick and efficient services of the FFA Supply Service. But it seems that we have used up all the order forms in our Supply catalog.

We would really appreciate some more if possible. Thanks for your cooperation.

Yvonne Chenette
President

Additional forms are readily available on request.—Ed.

Canton, Pennsylvania

I could use your help in arousing the interest of people on an idea I have thought of. The idea is having a "sit-in" for environment.

First you have to have the people to sit. It is something like a "walkathon" only instead of getting paid by the mile, they get paid by the hour for sitting.

There could be a ten minute walk around time every two hours which could be used as a break. There could be prizes for whoever makes the most money. The money would be sent to the state's environmental resources department where it would be used the best way possible. Thank you.

William Carey

Niederwichtrach, Switzerland

I'd like to thank you for sending the recent issue of *The National FUTURE FARMER* magazine, and I am sure it was equally enjoyed by the other FFA participants traveling abroad this year.

You can't imagine how much it pleased me to be able to read a magazine filled with success and challenges of youth.

Oh, sure, I can get American magazines over here, but it seems their only purpose is to find fault and criticize. And to say the least, it gets very depressing.

Thanks again for such a fine magazine.

Leon Stanley
1973 WEA Participant

East Elmhurst, New York

I am writing concerning a neighborhood clean-up campaign. One of the coordinators for the event was Robert Werdann who is an FFA member of the John Boone, Flushing, New York, Chapter.

While Robert is only 15, he has earned the rank of Eagle Scout, (which was presented to him in September). As part of his Eagle service project he helped coordinate and carry out this clean-up program involving a number of local Boy Scout troops plus local residents. As a second part of his project he got a group of volunteers to go with him to clean up a section of the Appalachian Trail.

Robert, who hopes someday to become a wildlife conservationist, has a deep interest in conservation and ecology.

Reverend Frank Rafter
Scoutmaster, Troop 144
Lexington School for the Deaf

Richmond, Missouri

Thanks for writing the article "Custom Work Pays The Way." We enjoyed spending the afternoon visiting with you.

It was a pleasure to have been a part of your August-September issue. We have a fine FFA chapter in Richmond and two very good advisors.

Terry and Danny Jellum

Toledo, Illinois

Cumberland's FFA officers and junior officers attended a three-day camping trip at Pounds Hollow Recreational Area in Shawnee National Forest. While there, we completed a 70-page program of work.

Ray Moses
Reporter

Fair Lawn, New Jersey

Would you please tell me if you still publish *The National FUTURE FARMER* magazine? I found an old 1962 issue of mine and was considering if you could send me subscription information.

I was a member of the R. J. Potter Chapter of Central High School, Paterson.

John E. Breen

YOU NEVER KNOW WHAT AN AIR FORCE SKILL WILL SPARK.

We can't swear you'll hit it big after you've been in the Air Force. But what we can say is that we'll see to it you get the thorough technical training that will help you get the most out of any career opportunity that comes along.

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Convention Time Is Here

OVER 14,000 FFA members, advisors, and guests, are expected to attend the 46th National FFA Convention on October 16-19. Held at the Municipal Auditorium in Kansas City, Missouri, the Convention will convene at 9:00 a.m. Wednesday under the theme "For tomorrow's agriculture."

Prior to the opening general session the National FFA Officers and 115 delegates representing 49 states and Puerto Rico will conduct the official business session Tuesday afternoon. The vespers program—featuring the 105-member National FFA Chorus and the National Officers—will follow in the evening.

Registration for FFA members, advisors, and guests will begin in the Lower Exhibition Hall of the auditorium at 9:00 a.m. on Tuesday, October 16. A registration fee of $4 will be required of active and collegiate members, advisors, state staff, and national staff. FFA members will register as a chapter or state group with the completed registration cards obtainable from the state office. The card must be signed by the FFA member, his advisor, and principal or superintendent.

Also in the Lower Exhibition Hall FFA members will be able to see over 25 exhibits presented by trade associations and professional societies at the Agricultural Career Show which opens at 1:00 p.m. Tuesday.

The first full day of the Convention is "speakers day." The Honorable George C. Wallace, governor of Alabama, will appear as the keynote speaker at the Wednesday morning session while the feature attraction of the first evening session will be the National FFA Public Speaking Contests. One hundred and one Gold, 103 Silver, and 71 Bronze Emblem chapters will be honored in the National Chapter program that evening.

This year over 230 three-member teams from almost every state will compete in the national contests scheduled throughout the day Wednesday and Thursday morning. The dairy cattle as well as the milk quality and dairy foods contests are co-sponsored as special projects through the National FFA Foundation by the Associated Milk Producers Inc. and the Mid-America Dairymen, Inc. Sponsors for the agricultural mechanics contest is Firestone Tire and Rubber Company while the livestock contest is a special project of Ralston Purina Company. The other two contests are poultry and meats judging.

Another exciting event scheduled for Thursday morning is the announcement of the 15 National FFA Proficiency awards as selected from the Regional Agricultural Proficiency winners listed below. At the same session 28 Gold, 33 Silver, and 25 Bronze Emblems will be presented to chapters in the Chapter Safety program, co-sponsored by the Farm Industrial Equipment Institute and Dow Chemical U.S.A.

In the Building Our American Communities program, a special project of Lilly Endowment, Inc., Gold Emblems will be awarded to 33 chapters, Silver to 32 chapters, and Bronze Emblems to 26. The National BOAC Citation will be presented to one of the following regional winners. They are: Hamilton, New York (North Atlantic); William Campbell at Naruna, Virginia (Southern); Bloomer, Wisconsin (Central); and Richfield, Utah (Pacific).

The presentation of awards to FFA members will reach the pinnacle Thursday evening with the naming of two "Stars Over America" as chosen from the Regional Star Farmers and Star Agribusinessmen whose stories appear on the following four pages. They were selected from the 564 candidates who will receive the American Farmer degree—the highest attainable in the FFA—Thursday afternoon.

Adults, too, will be recognized as the FFA honors 19 people with Distinguished Service awards, 5 VIP Citations, and 153 persons with the Honorary American Farmer degree—including 77 vocational agriculture teachers. Distinguished Service Citations will be presented to the Lawrence Welk Network and Farmland Industries, Inc.

With the Convention drawing to a close the election of the new National Officers will take place on Friday morning before the Convention recesses so members can attend FFA day at the American Royal Livestock and Horse Show. Following adjournment of the 1973 National FFA Convention the audience will listen to professional entertainment provided by Firestone Tire and Rubber Company.

Led by the 119-member National FFA Band the week of exciting FFA activities will come to an end with the traditional American Royal Parade.

Agricultural Proficiency

One of the four regional winners cited here in each of the Agricultural Proficiency areas will be named as the national winner. A panel of judges will choose each proficiency winner in much the same manner as the Star Farmer and Star Agribusinessman are selected. (Sponsors of proficiency special projects in cooperation with the National FFA Foundation are noted in parenthesis.)

Agricultural Electrification: Bruce Osborne, Housatonic Valley at Falk Village, Connecticut; Curtis Massey, Coffee Springs, Alabama; Douglas Allen, Fairfield Union at Lancaster, Ohio; Don Bleak, Thermopolis, Wyoming. (Sponsored by Electric Energy Association)

Agricultural Mechanics: Carroll Crum, Walkersville, Maryland; Thomas Minton, Attalla, Alabama; David Boyd, Tipton, Indiana; James Anderson, St. Vrain Valley at Longmont, Colorado. (Sponsored by International Harvester Company)

Crop Production: Gregory Bell, Limestone, Maine; Randy Rickman, Savannah Central at Savannah, Tennessee; Jerry Moore, Northland at Osage, Iowa; Kenneth Bushman, Quincy, Washington. (Sponsored by Producers of Funk's G Hybrids)

Dairy Production: Allan Brisson, Middlebury, Vermont; Richard Key, Putnam County at Eatonton, Georgia; Lonnie Heckmaster, Jasper, Missouri; Richard Lapp, Fort Morgan, Colorado. (Sponsored by Celanese Chemical Company)

Fish and Wildlife Management: Richard Corkell, Caroline County at Denton, Maryland; Shane Hohman, Nueces Canyon at Barksdale, Texas; Ronald Frelich, Denmark, Wisconsin; Donn Leffler, Eaton-Highland at Eaton, Colorado.

Forest Management: Timothy Weller, West Snyder at Beaver Springs, Pennsylvania; Wick Coleman, C. T. Smith at Ladysmith, Virginia; Edward Kienbaum, Merrill, Wisconsin; Miles Souders, Kendrick, Idaho.

Home Improvement: Thomas Stevenson, Jr., Gaithersburg, Maryland; Darrell Miller, Rural Retreat, Virginia; Jim Collins, Hopkins, Missouri; Don Brown, Yuma, Colorado.

Livestock Production: Bill Robertson, Kingwood, West Virginia; Jim Morris, Pepperell at Lindale, Georgia; Warren Owens, Marshall, Michigan; Michael Kendall, Emmett, Idaho.

Ornamental Horticulture: Mark Messier, Killingly at Danielson, Connecticut; Gary Avery, Delray Spady at Delray Beach, Florida; Steve Stull, Delaware Hayes at Delaware, Ohio; Rene Wingerden, Carpinteria, California.

Outdoor Recreation: James Cote, Limestone, Maine; Linda McDaniel, Big Sandy, Tennessee; Gary Moffet, Marysville, Ohio; Ted Allen, Ontario, Oregon.

Placement in Agricultural Production: Dennis Savage, Gaithersburg, Maryland; Mike Fuller, Enterprise "B" at Enterprise, Alabama; Larry Bates, United at Hanoverton, Ohio; Rafael Encinas, East Nicolaus, California.

Agricultural Processing: Robert Midkiff, Greenbrier West at Charmco, West Virginia; Daniel Fauchier, Taloga, Oklahoma; Scott Bethell, Rockridge at Taylor Ridge, Illinois; Daryl Heimbichner, Yellowstone at Billings, Montana.

Agricultural Sales and/or Service: Stephen Purcell, Upper Bucks Tech at Perkasie, Pennsylvania; Anthony Thomason, Stephens County at Eastanolee, Georgia; Raymond Shultz, Milan, Missouri; Bryce Westlake, Wind River at Kinnear, Wyoming. (Sponsored by Allis Chalmers Corporation)

Poultry Production: Lorence Sweatt, Colebrook Academy at Colebrook, New Hampshire; Anthony Wells, Sylvania, Alabama; Tim Lipetzky, Springfield, Minnesota; Mike Kayser, Castle Rock, Washington.

Soil and Water Management: Richard Snuffer II, Surveyor, West Virginia; Roy Haines, Stone at Wiggins, Mississippi; Kenneth Bingle, Lakota at Kansas, Ohio; Angelo Spada, St. Paul, Oregon. (Sponsored by Ford Motor Company Fund)

Look at the Stars

. . . Because two of these members will be selected as "Stars Over America" at the 46th National FFA Convention.

Thomas Aaron gets ready for evening milking.

THE four Regional Star Farmers and the four Star Agribusinessmen of America for 1973 portray quite clearly the diversity of today's agriculture. The Stars were selected from 564 American Farmer degree candidates and represent the finest in agricultural achievement—both in farming and agribusiness.

The stories of their accomplishments illustrate many of the things it takes to succeed. So "look at the stars" and find your way to success.

NORTH ATLANTIC ★★

Thriving Dairy

RICH farmlands of Lancaster, Pennsylvania, are the setting for a thriving dairy enterprise run by Thomas Aaron, of Drumore, Pennsylvania, the North Atlantic Region Star American Farmer.

Thomas and his wife Susan own an 80-cow Jersey herd and rent 195 acres —145 tillable acres—in the central part of the state. Thomas got his start in farming when his father gave him a Jersey calf for Christmas in 1961. Since then he has built his herd steadily and points with pride to granddaughters of his first heifer which are still in the herd today.

On entering high school in 1966 Thomas enrolled in the vocational agriculture program and joined the Solanco FFA Chapter. He feels the guidance of FFA Advisor William Fredd and vocational agriculture helped improve his farm management skills and taught him the importance of good farm records. In the FFA Thomas participated in local, county, and state judging contests and was on the parliamentary procedure team. He served as chapter vice president and as chaplain for the county FFA.

Besides his active role in the FFA, Thomas is a member of the Jersey Cattle Club, the Solanco Young Farmers Club, the youth committee for the county fair, and church. Last year he was nominated by the local Jay-Cees for the Outstanding Young Farmer award.

In 1970 he received the Production Credit award for the most complete and accurate record book in Pennsylvania FFA. As a result of his detailed records Thomas calculates his milk production at over 8,000 pounds of milk per cow and a butterfat average of 495 pounds. Last year the young farmer produced 190 bushels of corn per acre and harvested 4.4 tons of hay per acre.

Immediately after graduation from high school Thomas went into partnership with his father who has 120 head of Jerseys and farms 180 acres. But he had a desire to farm on his own and when he had a chance to rent a farm near home, Thomas jumped at the chance. He arranged to purchase 50 head of cows from Vermont through the American Jersey Cattle Club, financing the cows and additional machinery. To keep his machinery investment low, Thomas continues to share implements and exchange work with his father.

According to Pennsylvania Assistant State Supervisor Charles Lebo, Thomas has established an above average Jersey herd and "is continuing to improve all facets of his dairy management."

As for the future Thomas says, "I look forward to farm ownership, either buying my own place, or taking my father's place when he retires."

Selling Machinery

"OUR business is based on repeat sales and I personally have as my goal satisfied customers," declares Lloyd Lamb the Star Agribusinessman of the North Atlantic Region. Lloyd is an employee at the Lamb and Webster Implement Company, in Springville, New York.

According to Lloyd his interest in the farm equipment business flourished at an early age when his father took him to the dealership where he was working. Then in 1961 his father started his own dealership.

Lloyd well remembers the day the first tractor was unloaded from the truck. "I was finally able to work," says Lloyd, "and one of my first jobs was to mow the grass in the used equipment lot." Gradually, however, he progressed to shop helper, and today he is qualified to work in any area of the business from parts inventory to equipment sales.

Lloyd cites his high school agribusiness courses in mechanics and other subjects under Vocational Agriculture Instructor Charles Couture as being extremely helpful in preparing him for a larger role in the implement business. He also attended numerous manufacturer schools where he learned to assemble lawn and garden equipment as well as how to maintain hydraulic systems and industrial machinery.

A student at Griffith Institute and Central School, Lloyd later attended college at Bryant and Stratton Institute where he studied marketing and business administration receiving an associate degree with high distinction. Since his graduation Lloyd has concentrated his work experience on the parts and sales end of the business. "This is the best place to meet customers," he says. "I believe it is the most challenging, too, because you have to be aware of customer needs as well as new company policies."

Lloyd served as sentinel, treasurer, and president of the Springville Chapter He was a member of the state FFA band and first place federation vegetable judging team.

In 1970 Lloyd became interested in tractor pulling and rebuilt a tractor

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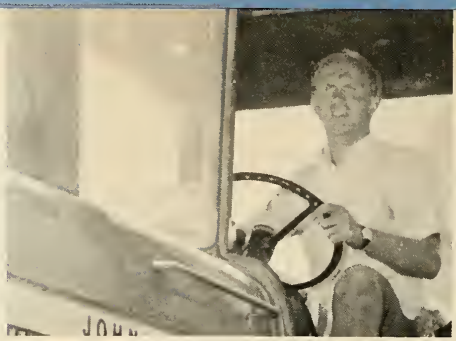
Lloyd Lamb relays a service call.



William Sparrow harvests crops from 1,00 acres.

Steven Redgate loads feed.

(Continued from Page 13)

which he has used in the county fair tractor pulls. After winning four first places the Star Agribusinessman says he finds the sport not only fun, but it also helps advertise tractors for the implement store.

Being progressive, Lloyd has plans for further expanding the family owned dealership which already has the second largest sales volume in International Harvester's northeast region. In addition to increasing his own investment in the dealership through partial ownership, he hopes to establish a system of branch dealerships and to set up service centers for minor repair work.

SOUTHERN ★★

Cultivating Crops

PEANUTS, soybeans, oats, cotton, and cattle are the agricultural interests of William Sparrow, Unadilla, Georgia, named 1973 Southern Region FFA Star American Farmer.

As a freshman, William developed an interest in crop production. He considered it a small program but raised two acres of peanuts, two acres of cotton, four acres of corn, two acres of watermelons, and one acre of cantaloupes, plus some cattle and a few swine.

"I worked each afternoon after school and on Saturdays, plus all summer long. My father never paid me in money, but he allowed me to have an acre of this and that in exchange for my labor," he explains.

The next year William switched from truck crops to oats and soybeans. This proved profitable and he was able to expand his operation as well as enlarge his row-crop acreage. "By now, I knew that farming was my life's work and I continued to work harder and longer than before," states the crop producer.

In the early winter of 1971 William purchased a farm of his own. On this farm he constructed a shop and equipment shelter, removed all unused buildings, fenced about nine acres of pasture, and ditched a 65-acre field to put more acres into cultivation.

Today the Star Farmer owns 289 acres of southern Georgia farmland and leases, with option to buy, over 750 more acres. He has 613 acres planted to allotted crops—peanuts and cotton. William cultivates his crops with six-row equipment and uses his new tractor to pull an 11-foot chisel plow and disc harrow.

As far as future agricultural expansion, William says, "I plan on buying some other farms and to expand my Charolais herd to 150 head. I will continue to keep a close eye on the different crops in my area and adjust my operation so as to reap the greatest profits."

William served as president and vice president of the Unadilla Chapter where his vocational agriculture instructor was Mr. E. F. Bailey. He has received chapter proficiency awards in Crop and Livestock Production, Farm and Home Electrification, and participated on land and livestock judging teams. He is also a winner of the Star Georgia Planter award.

Active in other community activities, he was president of his Sunday school, vice president of the junior class, captain of the football team, and served as a Scoutmaster for a local Boy Scout troop.

William and his wife Faye have completely remodeled their homestead. They have a one-year-old daughter Stacy and a newborn son Andy.

Marketing Supplies

DEALING in feed, farm supplies, and livestock are the enterprises managed by Waynoka, Oklahoma's, Steven Redgate, Star Agribusinessman of the Southern Region.

"I purchased half interest in my first calf with money earned by selling handcrafts," explains Steven. He has turned those early investments into an annual feeding operation of over 150 beef cattle. It was this interest in beef cattle that led Steven into agribusiness.

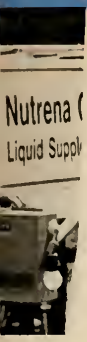
"When I was in high school I needed a portable feeder," recalls Steven. "My brother needed one, too, and in checking around, I found four neighbors who also could use feeders. I found I could purchase six feeders cheaper than buying each one separately, so I asked a company if I could be a dealer. They had some misgivings, but when I was a junior I became a dealer."

Following high school Steven attended college for a year, taking all the agriculture courses offered. During his spare time he worked for a livestock sales company as a ringman and clerk. He took advantage of the contact with livestock sales to purchase cattle for himself and continued as an order buyer for local ranchers.

The sale of feeders led naturally into another line of business. Shortly after being named Star Farmer of Oklahoma, Steven became a liquid feed dealer for Nutrena Feeds in 1970. He set up the liquid feed business in a rented lot on the outskirts of town.

Steven testifies his training in vocational agriculture has been largely responsible for his accomplishments. "My father is a railroad engineer and is away from home almost all week. For this reason it has always been necessary for me to make my own decisions in the farming and business operations. Vocational agriculture and the FFA have given me training that will benefit me the rest of my life."

All through high school Steven was active in FFA under Advisor Wayne Dimmick, serving first as chapter re-



James Harwood harvests hay with a field stacker.

Larry Gay revisits buyers to evaluate his purchases.

porter, as district treasurer, and finally as chapter president. He was superintendent of the beef division in the Waynoka Livestock Show and earned the state FFA proficiency award in Livestock Production.

Steven's plans for the future include the purchase of more land for his businesses. "Eventually I plan on selling complete lines of feeds, fertilizers, and other farm and ranch equipment," says the agribusinessman. Steven credits his his wife Connie, who handles correspondence, for much of the succcess of his agribusiness activities.

CENTRAL ★★

Producing Feeders

ESTABLISHING a future in the beef industry has earned James Harwood, of Pattonsburg, Missouri, the honor of Central Region FFA Star American Farmer.

James began his cattle business at a young age. "My farming program started as a fifth grader when my father gave me two Hereford heifers. I sold the calves from these heifers and purchased other cattle," he says.

In 1971, as a senior in high school, James purchased a 240-acre farm and now has registered beef breeding cattle. "The soil conservation work, land clearing, fences, and building improvements, along with a wise use of capital and complete records, are very commendable," says Missouri's Assistant Director of Agricultural Education Robert Hayward. He further states James' greatest interests are in farming, the FFA, and continuation of his education in agriculture through the state and local Young Farmer associations.

James and his wife Beth have developed a large farming program which they operate themselves. Today the Star Farmer's farming operation consists of 76 beef cows, 70 feeder calves, 10 replacement heifers, and 3 bulls. The 525-pound average weaning weight of his calves reflect his efficient production. He also grows 200 acres of corn, 150 acres of soybeans, 100 acres of milo, and 150 acres of hay. His hay has produced 3½ tons per acre and his corn yield has reached 112 bushels per acre.

"I plan to farm 400 to 500 acres of row-crops a year," comments the young Missourian. "In the future I plan to devote full-time to my farming operations and to increase my cow herd to twice its present size as I get more pasture and hay land."

James developed his agricultural mechanic skills at Maysville High School under the instruction of Advisors Gene Eulinger and Forrest Morris. When his operation permits he is employed at his father's garage and auto parts store where he puts his maintenance skills to use.

James was an active FFA member, having served the Maysville Chapter as vice president and participated on the soils, meats, and livestock judging teams. James has been the recipient of the district crops award, the Missouri Livestock Proficiency award, and was named Star State Farmer.

Ordering Calves

ATTENDING livestock auctions is a way of life for the Star Agribusinessman of the Central Region Larry Gay, of Princeton, Missouri. Larry, an independent livestock order buyer, takes orders from farmers and provides a dependable buying and trucking service.

"I got my start buying and selling calves in the sixth grade when I started going with my dad from sale to sale in the summer," says the successful agribusinessman. "I became interested in the business so my father coached me and showed me how to judge veal calves, estimate weights, detect diseases or poor doing calves, and to make purchases at auction sales."

Soon Larry was purchasing a few calves by himself at sales—attending two or three a week. In 1967 he and his father purchased a ¾-ton truck so they could haul calves, thus increasing their ability to purchase more calves from sales in northern Iowa and Wisconsin where the supply of veal calves was greater.

In the following three years Larry continued to improve his buying skills so that when his father became seriously ill in 1969 he was able to take over the livestock sales business. In 1970 his father passed away, leaving Larry full responsibility for the business plus 50 percent interest in the family's 100-acre farm where he, his wife Donna, and their son Tracy live.

Larry continued to expand his order buying operations and credits his high school training under Advisor Terry Heiman for much of his success. "My training in vocational agriculture classes helped tremendously in selecting and evaluating livestock, keeping up to date on current marketing trends, and maintaining my equipment," declares Larry. "My FFA work and church work have been especially vital in developing my abilities to work with and understand people."

All through high school Larry showed this interest in working with people through the FFA, serving as reporter and as vice president. In addition, Larry took an active role on numerous committees and was a member of the local and district livestock judging teams. He has won Star State Agribusinessman honor and is a member of the Missouri Young Farmers.

Last year Larry drove over 1,200 miles a week buying and selling nearly 2,600 head of calves in the Midwest. To further expand his order buying

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Michael Sachs annually raises 65 acres of rye.

Jack Rose, a hay contractor, cuts forage with self-propelled swathers.

(Continued from Page 15)

he is improving his facilities on the home farm so he can hold calves for delivery and feed some himself.

PACIFIC ★★

Raising Cattle

IMPROVING the efficiency and scope of his registered cattle ranch has earned Michael Sachs, of Rock Island, Washington, recognition as the Pacific Region Star American Farmer.

"When I was five years old my uncle Morris Sachs gave me a cow and a calf. In order to increase my numbers, I exchanged steer calves for heifers with my father," says the young rancher, "and raised the heifer calves she produced."

In 1967 Michael sold them and used the profits to purchase seven Hereford cows from his father. With these cattle as a base he increased the beef herd in 1968 by purchasing 34 feeder steers which he added to the calves produced by his cow herd.

Michael has found the knowledge gained in vocational agriculture under the direction of Instructor Arthur Heideman helpful in improving the efficiency of his 40-cow herd. Michael's accurate records on weaning weights and cost per pound of gain show his heifer calves now average 437 pounds at weaning and the steers average 555 pounds at weaning. With 49 feeders on feed, his average cost per pound of gain was 19 2 cents with an average daily gain of 3.13 pounds.

"I was very impressed with the quality of cows in his herd and with the quality of calves sired by the herd bull which he purchased in Canada," reports Washington Agricultural Education Specialist Gene Forrester. "Mike insures maximum weaning weights by creep feeding and follows an irrigated pasture program, pasture rotation, and fertilization program. Mike has made many improvements on the ranch such as eradicating sage brush and reseeding range land with desirable grasses."

The Star Farmer has been rewarded for his efficient livestock production with the Pacific Region Livestock Farming Proficiency award. He has exhibited champion beef animals at several livestock shows and was a member of the livestock judging team.

Michael led the Eastmont FFA Chapter as president, chaired several committees, and participated in soil judging. His favorite hobby is team roping in several rodeos each year.

Michael, an American Hereford Association member, remarks that much of his success as a rancher is due to the bookkeeping abilities of his wife Fran. They live in their ranch home near the Columbia River in Washington where they plan on expanding their 80-head beef enterprise.

Making Hay

MAKING hay is a full-time custom enterprise for Jack Rose of Elko, Nevada, the Pacific Region Star Agribusinessman.

Jack began FFA with a production program of 49 cows and calves but the need for new fence on the ranch launched him into an agribusiness career. As a sophomore, Jack undertook a project of cutting juniper fence posts to build a new fence on the home ranch "The project went so well that I started cutting posts and selling them to other ranchers," says Jack.

In 1969 the family sold their ranch and moved to a new ranch in which Jack purchased a share. The new ranch contains facilities for about 25 to 34 guests and the Rose family began what has become a thriving business—guiding California deer hunters into the high Ruby Mountains above the ranch. As a result of his involvement in the guest ranch business, Jack was presented the Pacific Region Outdoor Recreation award in 1971.

The guest ranch business is at its peak in the fall and winter, and for this reason Jack and his family invested in an equipment dealership. It was the affiliation with the equipment business that led to Jack's investment in what has become a sizeable haying business.

Starting with a self-propelled baler and a pickup, the agribusinessman baled approximately 1,200 tons of native meadow hay his first summer of operation. The year's operation went so well he sold all his cattle and bought two swathers and two more balers. The new equipment nearly tripled Jack's enterprise when he baled 3,200 tons of hay on contract.

But the size of the operation presented Jack with a logistical problem. "I had contracts for haying all over Elko County with men and equipment spread over a 100-mile radius," says Jack. "Just keeping track of them was quite a job."

To keep track of the operations, Jack purchased a new pickup, a trailer to transport equipment, a semi truck and 40-foot trailer, one-third interest in a plane, and obtained a pilot's license. In the spring of '72 Jack added a wire tie baler, another swather, and two trucks. Maintaining two haying crews he was able to put up nearly 5,000 tons of hay in a 90-day season.

Through vocational agriculture taught by Instructor Louis Horton and by on-the-job experience, Jack has learned efficiency is the key to profits in business. Jack eventually hopes to manage his own ranch but will continue to operate his custom haying business.

Jack has served the Ruby Mountain Chapter as reporter and as treasurer in addition to earning awards at the state level in Sales and Service Proficiency and in soils judging.

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Pasture management is a key factor to the Paynes in producing large calves.

Saving Time

Cuts Their Production Costs

John and his dad obtain more pasture by clearing land with this bulldozer.

CATTLEMEN are always trying to cut production costs. One way is to raise fast growing beef and another is to minimize the time between purchase and sale. The Paynes, of Morrilton, Arkansas, are doing both.

"We're shooting for big, fast growing calves," says John Payne, the past state FFA secretary. "At the same time, we are trying to get a return from our cows as fast as possible."

John, operating in partnership with his father, buys crossbred cows from Winrock Farms, established by the late Winthrop Rockefeller. The Paynes save production time by purchasing bred cows from Winrock, who through a reciprocating agreement buy 400- to 500- pound calves from the Paynes.

The Paynes receive the premium for choice feeders on the day of the sale. The calves are then moved to feedlots in Texas and Oklahoma. "We like this system because we know where the cattle come from," emphasizes John's father, who also drives a semi leaving John with much of the management responsibilities.

John and his father also purchase bulls from Winrock Farms, although John did raise their present Hereford herd bull—a four-time grand champion at the county fair.

"Another thing we like about the arrangement is the cows and heifers are guaranteed to be bred. If they are not, we can sell them back or trade for another animal," John adds.

Between 75 and 100 of their cows are half Hereford-half Santa Gertrudas which are bred to Angus bulls. They have a few half Hereford-half Angus cows bred to Santa Gertrudas bulls and some half Santa Gertrudas-half Angus bred to Hereford bulls.

To keep their calving records straight the Paynes use a special marking system. "The red tags are for the Santa Gertrudas-Hereford cross cows," ex-

(Continued on Page 37)

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Up-to-date reference materials from MoorMan Research are among the items in this feed case the MoorMan Man takes direct to farmers, ranchers and feeders.

Building A Dairy Herd

This dairyman used one cow family to develop a high producing cattle herd.

BUILDING a herd of dairy cattle takes patience and "cow" knowledge. Yet in just four years Mark Thornton, of Booneville, New York, developed a registered herd of 35 head.

Because there were no registered animals in his father's herd, Mark purchased a Jersey calf for $35.00 from a reliable breeder in 1966. He later purchased a registered Guernsey calf who went on to be grand champion of the county fair four years in a row. After examining the top herds nearby, Mark, a State Star Dairy Farmer, purchased his first Holstein heifer in 1969.

"I learned through experience there was far more to selecting a calf than just buying one," recalls Mark. "I found out all I could about production, pedigrees, and type on all the herds in our area."

Later Mark purchased several animals from the same Holstein cow family—including an All New York Junior Yearling Heifer. This cow, named Dina, produced over 18,000 pounds of milk with an average test of 3.6 percent as a first calf heifer. Mark was offered $3,000 for Dina when she was a two-year-old, but refused because she was too valuable to him as a "foundation cow." He has paid as much as $2,600 for high producing dairy cows.

Over the years Mark has exhibited his show string in county, state, regional, and national dairy shows. All totaled he has won almost 30 championships, exhibiting in more than 200 classes.

"I now have enough milking animals so classifying will greatly benefit my dairy program," Mark explains. "I was very successful in selling a pedigree Bootmaker son from a dam who finished with 5.3 butterfat test. If I had been classifying I could have sold this animal for double the money." Mark had his cattle classified for the first time this fall but has been production testing for the last two years. With training in artificial insemination he now selects the sires and keeps all breeding and calving records.

Along with his purchasing, breeding, and selection practices, Mark uses a roughage program consisting of dry hay. His roughage system calls for some reseeding every year and timely hay harvesting to insure high quality and high yields. He clears and reseeds pastures every five years.

Three years ago, Mark and his father installed a pipeline-bulk tank system and feel it saves three hours of barn labor per day. They use two paddles mounted on the front of a tractor to push manure to the end of the barn where it drops into the spreader. The only upkeep cost for the unique manure removal system over the past 17 years has been $8.00 for two new paddles, notes Mark.

The dairyman also considers farm magazines a must in his everyday management. "Magazines keep me abreast of farm management problems, new and improved labor saving machinery, herd disease, and insemination problems, plus other dairy industry information," emphasizes Mark.

Since graduation Mark and his father have gone into partnership on the 460-acre home farm. Mark now owns 50 percent of a 100-head dairy herd. This fall he and his dad began building an 80-foot addition on their barn to extend the total length of the barn to 250 feet. This will allow them to increase their herd replacements and milking herd to 120 head.

Dina's first calf, sired by Astronaut, was named best animal owned and bred by exhibitor at the Welch State Show.

Mark keeps about $1,500 worth of reserve semen in his semen storage tank.

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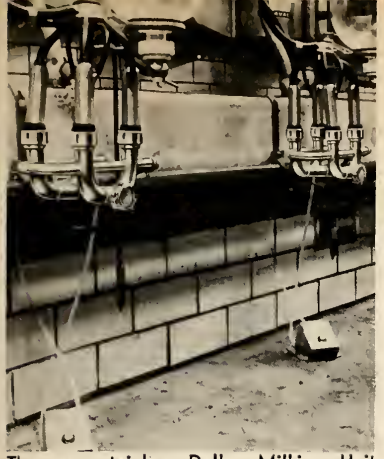

The new stainless Dallas Milking Unit Washer System, introduced by Schlueter Company, Janesville, Wisconsin, eliminates dismantling of parlor units for cleaning. A push-button teatcup sanitizer is optional.

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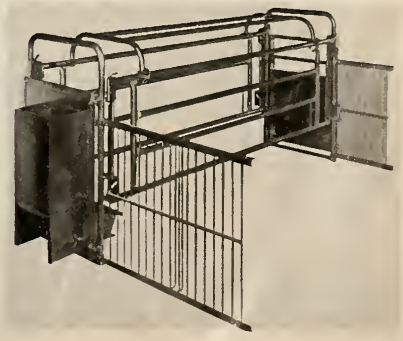
Starline, Inc., Harvard, Illinois, built the Model 101 Silo Unloader for 20-through 30-foot diameter silos. Features include a 30-inch impeller, plug resistant auger, 8-blade wall cleaner, and self-aligning silage chute.

Features on new Farrowing Pens made by H. D. Hudson Manufacturing Company, Chicago, Illinois, include sow retainer guard and backstop, stall width adjustment, and right-left gate.



What Do Breed Groups Really Do?

Livestock associations help breeders in many ways and as a livestock producer you need to know what and how.

By Mike Simpson

A BREED association registers animals, places advertisements, and sponsors shows. This sounds simple. But breed organizations are involved in more than "simply" registering and promoting a breed.

A breed association's purpose can be broken down into two areas—keeping ancestral records and breed public relations. Explaining a breed organization can best be done by using an example. Here the operation of the American Polled Hereford Association is used to explain the responsibilities of the departments in a breed organization.

The **communications** department has many roles to play in telling the breed's story. Their job is to work with magazine, TV, radio, and other related media by providing them breed information. The department works with breeders to help them design effective marketing programs along with their responsibilities for editorial material and feature stories in breed publications.

Specialists in this department are responsible for the association's literature, breed displays, and all association photography work.

The **administration department** supervises the registration procedure, is responsible for operation of the office, buildings, and grounds, as well as inventories of merchandise and supplies.

For the most part, breed associations have been quick to realize that their function as record keepers can be made easier and more accurate through electronic data processing. In fact, this realization has been their collective salvation. These machines can do a better job of registering, storing records, and billing for the nearly two million pedigreed livestock registered annually than the battalions of people needed for this job otherwise. Computers are also important parts of other breed association programs. These machines are used to calculate, store, and report performance information plus other related tasks.

All other departments "funnel" their information and programs through the **extension** department's men who travel locally. These fellows are known as area coordinators and are responsible for representing the breed association at local events which involves work in marketing, public relations, youth and adult meetings, promotion, sales, advertising, and special activities.

The men on the local level are also responsible for sending information back to the main office on breeder problems and reporting on industry activities in their area. The area coordinator (fieldman) is the man you are probably most familiar with in a breed organization.

Special activities are supervised by another department. They work with state fairs, supervise payment of show premiums, and make arrangements for special national and regional shows. The department coordinates and supervises national breed sales and the national clinics.

The **education** and **research** department is responsible for performance records and sire evaluation programs. This department keeps abreast of new methods and findings in the beef industry and relays them to breeders.

Another important aspect of this job is making contact with university staff people for good working relationships and cooperating with them in projects that are important to the breed and industry.

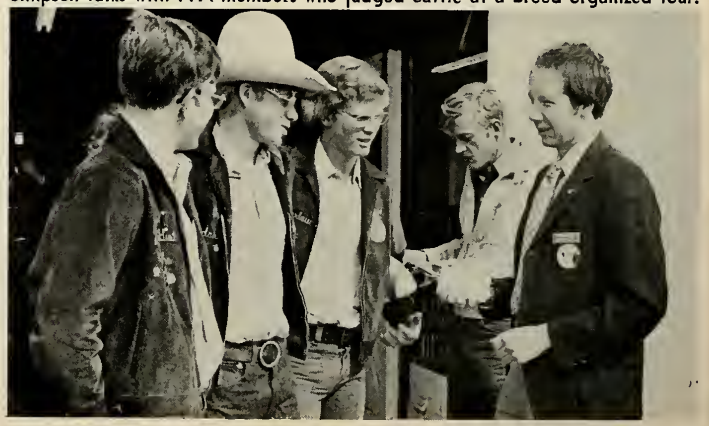
A new department to most breed organizations is **foreign marketing.** They are charged with developing a greater demand for registered and commercial cattle of the breed throughout the world.

The **youth** department is responsible for planning and programming activities involving youth in all segments of a breed's activities, such as, youth contests, awards, and educational events. Work is often through and with the breed's junior state organizations as well as state and national 4-H and FFA leaders.

Most all breed organizations, no matter what species—cattle, horse, sheep, or swine—function in somewhat the same manner as previously explained. The biggest differences between associations are the names of the departments and the programs or emphasis placed in the different areas.

Naturally, each association's success is dependent upon its leadership and its members. There would be no need for an office staff or association if member breeders could individually accomplish the things an association does. Collectively, breeders can have a more dramatic impact on the industry than individually. This *is* a breed association at work.

Director of Youth Activities for the American Polled Hereford Association Mike Simpson talks with FFA members who judged cattle at a breed organized tour.



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Urged Into Producing Hogs

Inspired by their advisors these members are becoming top hogmen.

By Maxine Curtis

THE West Plains, Missouri, Chapter is "going to the hogs." And their current Vocational Agriculture Teacher Douglas Funk and past Advisor Larry Rost are a lot to "blame" for this. They have kept right on encouraging them, and their FFA members have been star performers.

Mark Newman, a '72 graduate, holds the State Farmer degree and had 28 Hampshire sows farrowing this year. In 1968 Mark bought his first Hampshire gilt, and in 1969 he exhibited the champion FFA boar and gilt at the state fair. He has sold ten of his prize gilts to buyers from Mississippi and Louisiana.

Last year Mark exhibited the grand champion FFA gilt at the state fair and the Ozark Empire Fair. He and Tommy Spoor, a fellow FFA member, won first place in the judging contest at the Hampshire Conference in Indianapolis a year ago, too.

David Henderson and Donnie Day, both '71 graduates, operate their own 575-acre farm. They have 14 registered Hampshire sows and 260 Angus and Hereford brood cows. A gilt they raised in FFA won first place at the state fair last year.

Charles Parker, another sophomore, exhibited the grand champion boar of the Louisiana State Cajun Classic this past spring. The Hampshire boar attained a weight of 220 pounds with a loin eye of 7.25 inches and a backfat of .89 in 137 days on 18 percent protein feed.

At the chapter's annual FFA Hampshire sale held at the Ozarks Fairground in West Plains, nine members exhibited 68 supreme-quality hogs. These hogs sold for a record price of $10,915. Some 700 people attended the show and sale—including two hog buyers from Japan.

The Japanese buyers purchased the top selling boar and gilt from Henderson & Day, paying $1,500 and $1,000, respectively.

The four top winners are presented trophies, courtesy of the Chamber of Commerce. The school superintendent and the high school principal also help by manning the gates at the sale. Members' parents helped with the pork chop barbecue, always a part of the show and sale which nets the chapter about $500. Various business companies donate other necessary items.

Over the years the vo-ag instructors have encouraged the members to show their stock. "It teaches them responsibility and cooperation," says Advisor Funk. "Showing their prize hogs helps build up the members' reputations as having top hogs and enhances the price their stock will command. They may sell a few of their prize pigs but they bring most of them home to hold for stock. The director of Ibaragin Swine Farms of Japan, says this area produces the best hogs in the United States."

In addition to the involvement in hog production about 35 percent of 113 members are interested in beef production. Steve Forrester specializes in registered Angus. Steve says, "I've been showing Angus for three years and each year have had at least one grand champion at the state fair. At the Ozark Empire Fair my cattle haven't been beaten in the four years. I've sold my cattle to buyers in numerous states and Canada. Last year my bulls averaged over $3,000 each."

The West Plains FFA Chapter has had further community backing and support. Mr. Lawrence Moore, of the First National Bank, reports, "The members often come here to make loans so they can buy some land or registered stock, or maybe equipment. They are good risks. Every FFA loan to date has been paid with interest."

Advisor Funk adds, "I encourage the members to borrow money and buy registered stock. I suggest they begin on a small scale. If they negotiate a loan they feel the responsibility of working to make that investment pay."

Russell Thompson, West Plains Bank, recently presented a set of portable hog-weighing scales to the chapter in behalf of the bank.

Advisor Funk, a graduate of Missouri College of Agriculture, is listed in "Who's Who in American Colleges and Universities—1971." He worked his way through the university and says, "I plan to be a vo-ag teacher just as long as I know I am doing a better-than-usual job."

Member Larry DeShazo, left, and Mark Newman study Mark's prize Hampshires.

This champion gilt was purchased from Gary Sexton by Attorney Newt Brill who gave the gilt back to Gary as a gift.

Advisor Funk talks "hogs" with partners David Henderson and Donnie Day.

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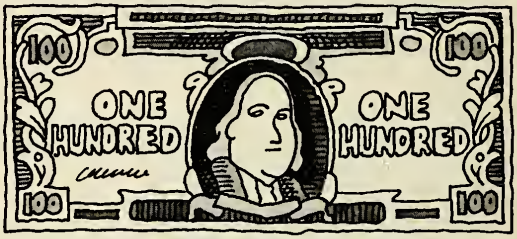

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Saving Time

(Continued from Page 22)

plains John. "The yellow tags single out the Angus and Santa Gertrudas breeding while the silver are used to mark the Hereford-Angus cross. The Winrock cattle are marked with a big black tag."

According to John's father, they got started with Santa Gertrudas 13 years ago when they were having calving problems. A friend told them about the breed so they tried a Santa Gertrudas bull. "We lost only one calf due to calving that year, and we have raised them ever since," says his father.

John owns 50 head of stock in partnership with his father. "Everything I earn from partnership goes back into the partnership to gain more equity," says John. "I hope to reach a 50-50 basis with dad in about a year." The cattle run on the 200-acre home farm and 1,200 rented acres.

The Paynes' management practices include the culling of about 15 percent of the cows each year. This past year, however, because they had an excess of aged cows, they culled almost 40 percent of the herd replacing them with bred heifers from Winrock.

The Paynes bale about 80 acres of hay and use the rest of the land for pasture. After cutting the hay in the spring they apply ammonium nitrate. They seed winter wheat for spring pasture and irrigate bermuda grass for summer pasture—pumping water from a half-acre pond and an 18-acre lake. Altogether they have four ponds.

The rented acreage, on contract for five years, still has 600 acres of wooded area which John and his father are gradually clearing. On the cleared land they sow fescue in the lower, cool places and bermuda on the high, dry ground. The Paynes rotate the cattle from pasture to pasture based on the condition of the forage. They hope to obtain an option to buy the land.

Advisor Herman Moss, who guided the Morrilton FFA for 38 years, says, "John likes to push to get things done and he is a natural leader." Interestingly Advisor Moss taught vocational agriculture to Mr. Payne and John's 29-year-old brother Larry, a livestock hauler. John's dad remembers, "When Mr. Moss came to Morrilton he had to be a veterinarian and an ag teacher."

Outright John also owns 18 cow-calf units and one bull. He uses the profits from the enterprise to attend Arkansas Polytechnic College in nearby Russellville. Upon receiving a two-year degree in general agriculture he plans to transfer to the University of Arkansas to study crop and livestock production in preparation for a farming career.

Nutrition, Their Goal And Yours

An NFL player's performance and yours depends on a balanced diet.

Drawings by NFL Properties, Inc.

SUPPLY half a ton of meat, nearly 200 dozen eggs, over 30 crates of fresh fruit, and 170 gallons of fruit drink, and what have you got?

The training table menu of a typical professional football team for an average week during pre-season training. But, underlying the quantity story is a great concern for the quality of nutrition.

Today's pros know that their performance on the field is directly linked to their physical condition, and this means more than just exercise—it means proper nutrition as well.

The diet for players on each of the professional clubs is closely supervised by trainers, team physicians, and food directors or dieticians. The result is a combination of calories, vitamins, and proteins that enables the pros to sustain the hard knocks and all-out drives that make up the game.

Of course, while everyone doesn't have the nutritional requirements of a 280-pound tackle, a well-balanced diet nevertheless plays an essential part in every FFA'er's fitness program.

The pro players themselves, for the most part, are well aware of what's good for them. They have learned to follow good food habits during the off-season as well as during the season. At training camp, however, conditions are designed and controlled for maximum nutritional benefits.

Calories are watched by pro footballers just as avidly as by non-gridders—but often for a different reason. In most camps, there are more players trying to *gain* weight than lose. Consequently, there is plenty of food available —and calories may range from 900 to 6,000 per day. The average pro consumes about 3,000 calories daily. But, they aren't wasted. They're what he needs to keep charging through long workouts.

Training table diets may be adjusted to fit the needs of individual players. Some teams have separate tables for overweight players. These get skim or instant nonfat milk, no rich desserts, and smaller portions, to help them achieve their ideal playing weight.

With players on any given team coming from different states, there naturally are food preferences and prejudices. But, without exception the teams rely heavily on meat, cheeses, and wheat cereals for protein; fruit juices, vitamin-fortified drinks, fresh and dried fruit, and light desserts for energy; and a variety of vegetables and salads for needed vitamins.

Because the players' weight may fluctuate five to seven pounds during a long, hard workout, they consume huge amounts of juices. Starches, along with fried foods and heavy desserts are avoided, since the pro's desire is to cut calories when they don't contribute to good nutrition.

If the training camp meals are the foundation for a player's season-long conditioning, the pre-game meal is the hi-octane. A typical pre-game meal, served about four hours before the Sunday afternoon kick-off, might consist of a thick New York steak, scrambled eggs, baked potato, hot vegetables, and plenty of fruit juices.

There are, of course, special orders. One star player insists on a pre-game meal of a plate of scrambled eggs, dry, with a side order of two raw eggs. Others stipulate only liquid foods before a game.

"There's a lot of psychology involved in the pre-game meal," explains one NFL team physician. "There are a lot of fetishes and folklore tied up in an athlete. It depends on where he's from, where he went to school, and what his high school coach may have told him. We just see that they get the food they want, and lots of it."

All this is to insure that the players go onto the field as mentally and physically prepared as possible.

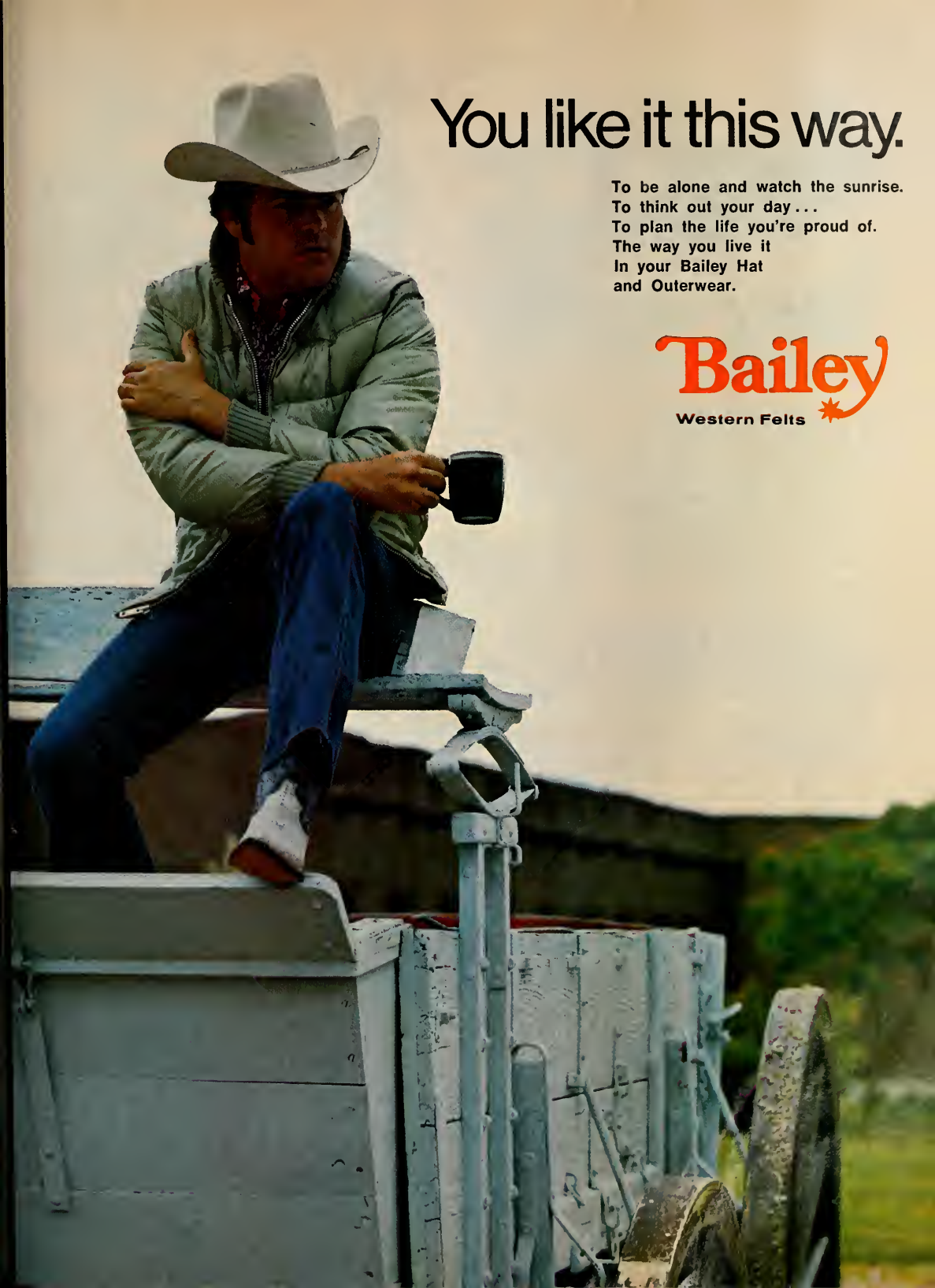
Money for Education

A NEW federal program may provide you with some money for your education after high school graduation.

Called "Basic Grants," the new program is in addition to existing sources of student financial aid. To be eligible, a student must be entering for the **first** time and on a full-time basis approved colleges, community or junior colleges, vocational schools, technical schools, hospital schools of nursing—both public and private, profit and non profit.

The grants are expected to average $250 and the maximum award is expected to be about $500. The grants will not have to be repaid. The amount received is based on a formula which takes into account the amount you and your family can be expected to contribute to your education after high school. A fund of $122 million has been provided for the 1973-74 academic year. Larger amounts may be provided in future academic years.

To apply, you must first obtain a form, "Request For Determination of Expected Family Contribution." Most schools will have one so check with your guidance counselor, or you may get a copy at the post office, county agricultural agent, state employment office, or the school you expect to attend. If unavailable at these locations, write to Box G, Iowa City, Iowa 52240.


You like it this way.
To be alone and watch the sunrise.
To think out your day...
To plan the life you're proud of.
The way you live it
In your Bailey Hat
and Outerwear.
Bailey
Western Felts

Livestock Loans Help Members

Experience in utilizing credit as a tool to expand has received statewide support.

Applicant Ted Meyer, Advisor Nolz, and County Agent Dale Wiitala watch bank representative Lynn Tjaden, a past state FFA officer, sign the loan agreement.

THE South Dakota Department of Agriculture sponsors a Junior Livestock Loan Program in cooperation with the state FFA. To date the program has provided $15,100 of direct loans to farm youth from this agency. In addition, close to $140,000 in loans have been provided from lending agencies of which the state department of agriculture guarantees 30 percent of the original face value, according to Program Administrator James E. Winterton.

The program was coordinated through past FFA State Supervisor E. W. Gustafson and State Secretary of Agriculture William Schroeder in September of 1972 and since has helped many South Dakota members to establish livestock production programs. In addition to the FFA members, the loan program is open to FHA, 4-H, and other farm youth organization members.

Each borrower can obtain up to $5,000 to purchase any number of livestock. Thus, with a properly executed promissory note, security agreement, and financing statement students can establish a sound credit rating through the loan program while getting a start in the livestock business.

Each submitted application is reviewed by a county junior livestock committee composed of extension personnel, vocational agriculture teachers, bankers, farmers, and others. Upon approval, the application is directed to the lending agency of the applicant's choice. Borrowers are obligated to pay back the livestock loans in four years.

One chapter taking full advantage of the livestock loan program is the Clear Lake Chapter. All totaled the chapter has 12 members with $40,000 borrowed for the development or expansion of their livestock enterprises. All livestock purchased under the South Dakota loan program are identified by a permanent tatoo, mark, or brand.

Arrangements for the student loans have been handled through the local bank in Clear Lake and FFA Advisor Jerome Nolz. With this money Clear Lake members have purchased 63 head of beef for breeding purposes, 10 head of beef breeders, 4 dairy heifers, and 26 registered ewe sheep. One Chapter Farmer, Roland Taken, borrowed the maximum amount to buy 16 registered beef while others like Scott Hardie bought three with a $1,150 loan.

The overall success of the South Dakota Junior Livestock Loan Program is self-evident. Administrator Winterton says there has been an increase in larger projects which creates a lasting interest in farming and ranching.

The Life of A Tractor

NOT only did Lake City, Iowa, FFA members win a tractor 25 years ago, but they kept it in operating condition until they sold the tractor last year. In between time, it is a safe estimate to say the tractor was used on 30 percent of the farms in the Lake City area, according to Advisor Rudy Engstrom, the current vocational agriculture teacher.

The tractor, a 1948 Model 8N Ford, was presented to the chapter when Advisor Wayne Armstrong's 39-member chapter won the state soil conservation contest that year. The tractor and accompanying equipment—plow, terracer, scoop, blade, and field tiller—was worth approximately $2,000 then. All but two of the 39 members attended the presentation in 1948 at the State House in Des Moines.

The Sigourney Chapter also received a like prize as one of two state winners in the conservation contest. The machinery awards were sponsored by the Iowa Ford Tractor Company and associated dealers.

The Lake City FFA tractor was delivered to the high school by the Hinton Motor Company, who along with other businesses saluted the chapter with advertisements in newspapers.

As a result, the Lake City members continued their stress on conservation by operating the tractor and equipment on a break-even basis. "The chapter set up a policy of letting FFA members and others use the tractor to shape grass waterways and terraces, fill mudholes, renovate pastures, and complete other conservation work," explains Advisor Rudy Engstrom.

Instruction in vocational agriculture on the maintenance, operation, finance, and insurance of farm machinery was likewise expanded. Attesting to their efforts—including help in organizing a local soil conservation district in 1947—an article was written about the Lake City FFA's conservation work in the March 1949 issue of *The Agricultural Education Magazine.*

Uniquely, 12 of the FFA members in 1948 still live in the Lake City community, and six of their sons were members of the chapter in 1972 when the tractor was sold. One of these is Mr. Roger Snyder, the 1948 chapter president who accepted the keys to the tractor on behalf of the Lake City FFA.

Getting the Most Out Of FFA

This chapter used mini chapters to get more member involvement.

By Robert D. Pease

A FEW years ago the Woodrow Wilson Senior High School at Middletown, Connecticut, underwent an evaluation by the New England Association of Secondary Schools and Colleges. It was for the purpose of accreditation.

A major concern of the four-teacher vocational agriculture staff was the lack of student involvement in FFA. This lack of participation, it was felt, hampered the effectiveness of the vocational agriculture program.

It was agreed that the FFA was an integral part of the vocational agriculture program and should be reviewed by the committee.

It came as no surprise when the evaluating committee urged the reorganization and improvement of FFA.

The need to develop programs which would get more students involved was evident. In planning, the idea of forming and developing "mini chapters" was conceived. In essence a "mini chapter" meant the forming of separate chapter organizations for each of our three divisions, namely freshmen, sophomore, and junior-senior chapters.

Each chapter was to be autonomous; electing its own officers, carrying on its own chapter functions, and with each chapter having its own advisor. These mini chapters were to be accountable to the main chapter.

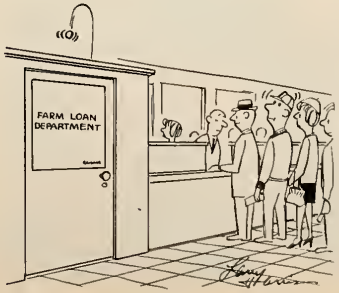
In addition to three mini chapters, there is the main FFA chapter with its officers' responsibilities, program of work, and other activities that go with any FFA chapter. There is very little officer duplication and more students are involved which is excellent training for future officers of the main chapter.

To the onlooker, it might seem an awkward arrangement; that separate chapters would become divisive, self seeking, ambitious splinter groups which would ultimately destroy the effectiveness of the chapter. After two years with this program we are pleased to say this has not been the case. To the contrary, it has reinforced the main chapter.

Certain procedures, regulations, and responsibilities were drawn up by the executive committee of the main chapter to guide the activities of the mini chapters. For example, each mini chapter has a non-voting representative to the executive committee of the main chapter. All students within the sections are requested to join the mini chapter and pay a small membership fee.

The representative to the main chapter serves also as a liason between his chapter and the main chapter keeping each informed of anticipated activities and functions. All fund raising activities of the mini chapters must first meet the approval of the executive committee of the main chapter and 20 percent of the profits realized from such activities must go to the main chapter. Certain fund raising functions in addition to certain service functions are reserved for the main chapter.

Mini chapters may have separate recreational and service activities providing such activities are not in conflict with those of the main chapter. In some cases the executive committee will delegate certain activities to mini chapters. As an example, a Christmas party became the responsibility of the Freshman Chapter. The Sophomore Chapter agreed to distribute trash barrels about the school yard with "F F A" and "Keep Wilson Clean" as its project.



New guidelines are adopted only as the need developes for them as too many rules and regulations can become cumbersome.

Weekly meetings of the mini chapters are held to maintain active roles in leadership and cooperation. Each unit functions under the direction set forth in the FFA manual. The executive committees made up of the officers from the respective mini chapters meet during a study period in order to draw up an agenda for the weekly meetings. If no agenda is presented for any given week no meeting is held until the following week.

A main objective is to incorporate FFA functions into various units of study which will enhance the students' learning of various skills and therefore stimulate and motivate them.

Students can likewise apply skills learned within the classroom to various activities carried out by the FFA.

Recognizing the "mini" chapters are no panacea for all the ills of a multi-teacher department it does offer many strengths. One caution: The purpose for mini chapters is to compliment the main chapter and not compete with it.

Mini chapters can help to generate enthusiasm, create spirit of competition, and enhance the opportunities for greater number of individuals participating in leadership roles and cooperative programs which strengthen the main chapter and its activities.

After only two years, it is too early to determine the final impact. As it appears to staff members at Wilson, this has been a giant step in the right direction to greater student involvement, a renewed interest in FFA, and a greater spirit of cooperation.

SPECIALIZING IN HORTICULTURE

UNITES YOUTH WITH OPPORTUNITIES

BEGINNING only its third year of operation the Mary G. Montgomery Vocational Agriculture Department is providing horticulture career opportunities to its students. Located at Semmes, Alabama, in one of the largest nursery areas of the state, chapter members concentrate on such activities as community service and fund raising projects in floriculture and landscaping.

During the first year of operation 32 students enrolled in vocational agriculture. That year, according to Advisor Oscar Green, 21 joined the FFA when the chapter received its charter. This past year the vo-ag enrollment jumped to 82 students and the FFA chapter grew to 56 members.

"Much of the chapter's success during the first year goes to James "Tony" Jarvis, our president, and Virginia Waite, our secretary," volunteers Advisor Green, a former chapter president and county officer himself.

Tony, a partner in the Jarvis nursery, grows over 1,000 tomato plants and about one acre of peas and butter beans in addition to his nursery stock. Virgina makes flower arrangements for sale in addition to growing a garden and orchard at home. She served as chairman of the plant sales committee, and Tony headed up the BOAC project.

The BOAC project conducted by the Mary Montgomery FFA included landscape and construction work at the high school. Aside of the greenhouse students built a shade house for growing plants outside. The county furnished part of the money for this project.

Chapter members also installed a new watering system in one of the two school greenhouses. All of the pipes and materials were supplied by a construction firm in return for the chapter completing a grassing operation. A tornado hit the department's large greenhouse last year but the program went on as the chapter members converted the shade house into a greenhouse.

Throughout the school year each chapter member took one or two days a week to work at the local nurseries without pay. The nurseries then gave the chapter such items as peat, plants, cuttings, pots, tools, or other donations.

This saved the horticulture department and the chapter money besides providing the students with occupational experience in a nursery. In addition, FFA members say they learned that by helping other people they would in turn help you.

"The beautification work of the FFA members is being noticed as more and more individuals come to us for help in landscaping their homes," says Instructor Green. As a result, various members have completed several turf grass jobs and sold many plants grown by them at school.

Exhibiting at the 1973 Greater Gulf Coast Fair for the first time, Mary Montgomery FFA members captured over 70 placings in the flower show while the chapter's fair booth won first place.

Directed by Vocational Agriculture Instructor Green the Mary Montgomery program provides courses in four basic areas. They are: (1) Nursery Production, (2) Floriculture, (3) Turf Management, and (4) Landscaping.

Students study basic horticulture for the first two years and specialize in some area the last couple. FFA members who wish to may specialize in more than one area. By 1975 the new four-year horticulture course will be completely developed for incoming freshmen at Mary Montgomery High.

Listening to Instructor Green explain how deep to pot plants are Virginia Waite, Richard Boyd, and Gary Byrd.

President Tony Jarvis, right, headed up the chapter's landscaping project.

Staff Photos

How to beat the odds on the long shots.

Here's why many of the people who know rifles best put their money on the Remington Model 700.

When you finally get a bead on the big one—a trophy ram, or goat, or pronghorn—you know how many shots you're going to get.

One.

Making that kind of long shot takes a lot of practice. It also takes a lot of rifle.

The Remington Model 700 bolt action is a lot of rifle. That's why so many people with gun savvy recommend it for long-range shooting.

Ask a veteran hunter—a guy who's bagged the big ones time and time again. The Model 700 is so accurate we used its design as the basis for our classic 40XB Bench Rest competition model. Before we ship a 700, we test it carefully for accuracy. If it doesn't measure up, it never leaves the factory.

Ask a gunsmith. He knows gun design inside and out. He can tell you that our Model 700 has one of the strongest center fire bolt actions ever made. The cartridge head is surrounded by three rings of solid steel. And there are no extractor cutaways to weaken this critical area. The bolt lugs are machined from steel every bit as strong as the steel around the cartridge head.

Ask a dealer. He probably sells hundreds of rifles a year. You might find out from him that the variety of the Model 700's caliber selection sets it apart from any other bolt action rifle. It comes in 17 different calibers, for every kind of hunting, every kind of game.

Beyond accuracy. Accuracy and versatility are only a part of the 700 story. Because we know a sportsman takes special pride in owning a finely crafted firearm.

The Model 700 BDL "Custom Deluxe" is a finely crafted firearm. And it looks it.

Its classic Monte Carlo stock is made of select American walnut. We bring out the rich grain with Du Pont RK-W, a high-lustre finish that's also scratch- and water-resistant.

We've given it deep, traditional checkering to accent the natural beauty of the wood. And added white line spacers and a black fore-end tip to set it all off.

The BDL also has a hinged floor plate, "jeweled" bolt, and a sling strap with quick-release swivels. A real buy with prices starting at $174.95*.

The Model 700 ADL "Deluxe" offers, among other features, a Monte Carlo stock, skip-line checkering, and Du Pont RK-W wood finish. It's priced from $154.95*.

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243 Win.
270 Win.
30-06
308 Win.
7 mm Rem. Mag.
264 Win. Mag.
6.5 Rem. Mag.
350 Rem. Mag.
300 Win. Mag.
375 H & H Mag.
458 Win. Mag.

Left Hand Version

270 Win.
30-06
7 mm Rem. Mag.

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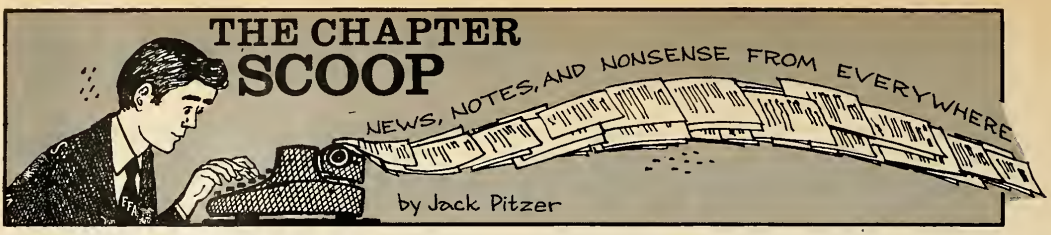


A display committee of *Sibley,* Iowa, polished and arranged the chapter trophy case outside classroom.

N-N-N

Randy Pierson reports *Olathe,* California's project of selling honey. Contributed $235 to school for retarded.

N-N-N

Cathy Pope took first in the junior public speaking contest representing *Gaithersburg* Chapter in Maryland meet.

N-N-N

The Star Greenhand of Arizona, **Howard Morrison,** *Gilbert,* has a perfect 1.00 grade average.

N-N-N

Gary Wisecarver, of *Rustburg,* Virginia, was declared winner in state FFA tractor operators contest. He passed a written test and a demonstration test.

N-N-N

A *Franklin,* Wisconsin, FFA float in the 4th of July parade consisted of live flowers in the shape of a flag.

N-N-N

A rural fire prevention program is the BOAC project of *Delhi,* Iowa, FFA.

N-N-N

Girls of *El Cajon,* California, Chapter made a new banner for classroom.

N-N-N

Exhibit at county fair by *Buffalo Center,* Iowa, Chapter used theme "We're Rooting for the FFA." It had two pigs in a pen—one blue, one gold.

N-N-N

Bill Petersen, Steve Fiala, and **Jerry Prochaska,** of *David City,* Nebraska, FFA, and Advisor Angell repainted a loading chute for county fair.

N-N-N

Vinita, Oklahoma, reporter **Danny Lankford** sends word of chapter's new 12-member FFA rodeo team.

N-N-N

St. Peter, Minnesota, claims to be the only chapter using an FFA WEEK banner over main street—it's four-lane.

N-N-N

Members of the *Rifle,* Colorado, Chapter go up into the high country for a load of Christmas trees to bring back and sell. Also play in the snow.

N-N-N

An FFA farm labor group is a plan of *Lennox,* South Dakota, Chapter to match labor needs in the area with members looking for jobs. Plan works.

N-N-N

Lee and **Lyn Plummer,** twin brothers, are active in the *Tucumcari,* New Mexico, Chapter. Have a cow-calf operation.

N-N-N

Molalla, Oregon, FFA joined forces with Rotary. Built Little League field.

Good PR idea. *Elk Point,* South Dakota, put a sign over classroom door identifying vo-ag.

N-N-N

A record take—$950 for the *Wauneta,* Nebraska, member "work" sale.

N-N-N

Service idea. *Bend,* Oregon, provided hayrides for children while parents did Christmas shopping.

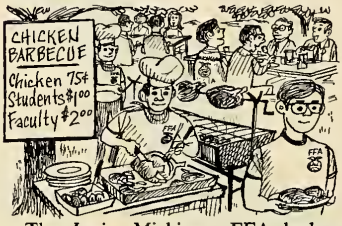
N-N-N

Three of the new chapter officers of *Galax,* Virginia, are brothers. **Doug Bartlett** is secretary. **Sammy** is treasurer, and **Greg** is reporter.

N-N-N

Falkner, Mississippi, sent their new officers and advisor to leadership training at state's Grenada FFA Camp.

N-N-N



The *Ionia,* Michigan, FFA had a chicken barbecue which involved students and the faculty.

N-N-N

Prospective Greenhands and their fathers were invited to a hamburger fry by Labette County in *Altamont,* Kansas.

N-N-N

Forest City, Iowa, FFA served homemade ice cream for 50 teachers during American Education Week.

N-N-N

Incoming members of *Wills Point,* Texas, were guests at watermelon bust.

N-N-N

North Linn, Iowa, FFA used an old wooden manure spreader and the theme "Spreader out over 100 years" for entry in a local centennial parade.

N-N-N

Cinderella Rose is state sweetheart candidate from *Cookeville,* Tennessee.

N-N-N

Over 40 wood duck nests were built by *Park Rapids,* Minnesota, FFA. Given to members or sportsmen. All nests are stenciled with "FFA."

N-N-N

Bowling Green, Ohio, built a parade float for business firms for a fee. Donated money to a community pool fund.

N-N-N

A floral FFA emblem welcomed guests at *Upper Bucks,* Pennsylvania, banquet.

A committee was organized to attend city council meetings and get ideas for *Belt,* Montana, BOAC program.

N-N-N

When *Havana,* Illinois, Chapter cleaned out ag room closet, they found an old picture of their assistant principal when he was FFA president. Published it in school paper.

N-N-N

John Auwen, *Noble,* Oklahoma, FFA'ers won a $400 Hereford heifer at a state junior field day judging event.

N-N-N

Walla Walla, Washington, is producing a daily TV program to tell of school news. Features FFA and other clubs.

N-N-N

Escondido, California, Chapter earned $60.00 each time for policing up after games in a local stadium.

N-N-N

A tractor pull sponsored by *Fatima,* Missouri, Chapter attracted 84 entries.

N-N-N

Plans of *Inwood,* Iowa, are to buy a calculator for record keeping.

N-N-N

East Limestone, Alabama, erected traffic signs around their school.

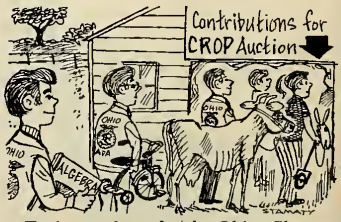
N-N-N

Stet and *Richmond,* Missouri, Chapter representatives stopped to visit *Terre Haute,* Indiana, on way to leadership conference at National FFA Center.

N-N-N

Four *Stuttgart,* Arkansas, FFA'ers served as pit crew for a driver in Grand Prairie Grand Prix mini-sport car race. Driver had spoken at FFA about racing and safe driving.

N-N-N



Each member of *Ada,* Ohio, Chapter brought in items they didn't want and sold them at an auction to raise a contribution to CROP.

N-N-N

Kathy Smith and **Jerry Teter** were official delegates at state convention for the *Harman,* West Virginia, FFA.

N-N-N

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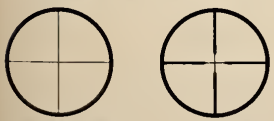

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Ambition Pays Off

It gives the Warner brothers a real edge in farming.

By Roy Alleman

RANDY and Chuck Warner, Lebanon, Kansas, are good examples of what ambition can do.

Chuck graduated from high school in 1971 and Randy in 1972. Long before either graduated they owned 45 sows and farrowed 90 litters a year.

Now Randy is attending Colby Community College, and running 11 sows on the side to help pay expenses. Chuck is farrowing 28 sows, has bought 90 acres of land, and is in the process of building a 24- x 66- foot farrowing house with 20 crates.

It all began when the boys were in the seventh and eighth grade and their father, Richard Warner, gave them a sow. Soon they were in high school studying vocational agriculture, had joined the Lebanon FFA Chapter, and were busy expanding their herd.

Thanks to their father who let them have a barn to remodel for a farrowing house and a side hill for finishing pens, they moved ahead rapidly.

"We converted the barn into a farrowing house with 12 crates," says Randy. "We farrowed 8 to 12 sows at a time and got two litters a year from the 45 sows. We have gotten as high as 9.3 litter average but our overall is around 8.5."

A Hampshire-Yorkshire cross was used at that time using a Hampshire boar one year and a York the next.

They keep a sow for four years by careful feeding. Milo and a supplement is mixed on an 8:1 ratio which is fed at the rate of eight pounds per head after farrowing. After pigs are weaned they flush her with a heavy feeding until she is bred. After this the feed is reduced to five or six pounds a day depending on her condition until ready to farrow.

"At first we did have a scour problem," says Randy. "We haven't had any the past three years. We think our stall preparation program may have helped. We use lime in the crates and disinfect with Kerol, a liquid product. We sweep the lime out before farrowing, then put in the bedding."

After a short term in the farrowing house the pigs and sows are moved out to 16-foot-long sheds which are divided into two pens. Three or four sows and their litters are put in each pen.

Most hogs are going to market at five to six months of age weighing about 225 pounds.

When Randy decided to go to college he sold out to Chuck. Now, however, he has bought 11 sows to take care of during the summer and will make some arrangement for Chuck to take care of them during the winter months.

Chuck, who spends summers with a construction crew, has his mind made up to stay in the hog business. He is tearing down an old house for lumber for his new farrowing house.

"I plan to keep 20 to 22 sows for each farrowing period," says Chuck. "I'd like to be up to 100 sows or more within a year. I want to do some farming and I also hope to start a cow herd. But, of course, you can't do everything at once."

Chuck is considering some swine testing whenever he can get money and time to build the facilities for it.

Chuck has applied for the American Farmer degree. Chuck and Randy both received the Kansas State Farmer degree before graduating from high school.

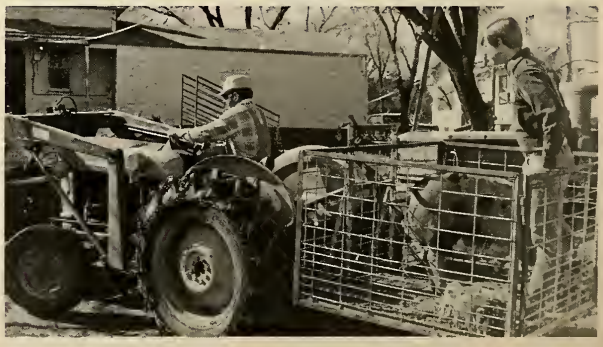
When they have entered swine contests their entries have fared quite well. Chuck took a hog to the Kansas State Fair in 1970. The carcass was 1/10 of an inch too short to qualify. However, he cut 7.74 inches of loin eye.

At the St. Francis Livestock Show recently Randy won grand champion with one animal and a third-place with another, then won swine showmanship.

Shortly after farrowing Chuck moves the sows and litters from the crates.

As you can see at the left, Randy has a way with pigs.

This portable pen constructed by Randy and Chuck in ag shop is used for transporting a sow and her litter to the 16-foot, two pen sheds.



He's still involved!

Helping FFA members has kept this Regional Star Farmer's enthusiasm for the FFA alive.

By Ron Miller

STAN Amundson graduated from the FFA as the 1963 Central Region Star Farmer. Yet ten years later the Valley City, North Dakota, farmer is still actively involved with the local chapter, his advisor, and more importantly with FFA members.

Presently Stan is providing Don Flatlie, the past Valley City president, with experience in livestock and crop production. Don lives in town and it is likely he would not have acquired an interest in agriculture without Stan's influence.

Don was looking for some kind of direction when he entered high school. He liked working on his uncle's and grandparents' farms so they suggested he enroll in vo-ag.

In the beginning Don really wanted to learn about mechanics. Then one day in ag class Instructor Charles Challey asked for volunteers to go rock picking. "I just happened to be one of the nine that showed up," recalls Don. "The nine dwindled down till I was the only person who wanted to work any more. After that Stan asked me to work a lot after school." Soon Don was helping Stan during the summer months, after school, and on Saturdays.

Working on the 1,280-acre Amundson operation has permitted Don to put his vo-ag mechanical skills to everyday use. Here he and Stan adjust a vibra-shank.
Photo by Author

Don has had to work hard as Stan owns 800 acres and rents 480 in partnership with his father. Annually they raise about 400 acres of wheat, 250 acres of barley, 150 acres of oats, 100 acres of flax, and 200 acres of alfalfa.

Don helps with regular chores, cleaning calf and hog pens, and with field work. He receives an hourly wage for his work in addition to having his own farming program on Stan's farm.

In partnership with Stan, Don raises 30 acres of barley and has purchased a registered Hereford cow and bull calf. He fully owns three Duroc gilts plus their litters and two boars—all registered stock.

Stan's hog program consists of farrowing six sows every month of the year. He markets between 500 to 600 head annually and weans an average of 9.2 pigs per litter. Most of his registered Durocs are sold for breeding purposes, and according to Stan, Don does 90 percent of the work connected with exhibiting the hogs at major shows.

"Don was completely green when he came to our farm," recalls Stan, "but now he operates all of the machinery like an old hand. His attitude is more mature and he is developing into an outstanding young man."

Today Don's attitude toward agriculture is much like that of Stan's ten years ago. "Since I live in town, I wouldn't have had the opportunity to learn the different farming methods if it hadn't been for Stan," says Don, who credits the FFA for much of his leadership experience.

Gradually Don, now a state vice president, participated in more and more FFA activities, serving as chairman of the cooperation and leadership committees. More recently he won the district public speaking contest and the Star Chapter Farmer award. Once almost a school dropout, Don has graduated from high school and gained valuable experience in agriculture.

Stan's work with Don brings back many memories for their advisor. "I had to be careful about making suggestions for expansion because whatever I said to Stan he would go out and do," remembers Advisor Challey, who retired last spring after 39 years of teaching. This complete confidence of the past Regional Star Farmer in his advisor is now being passed on by Stan to Don and other members.

In addition to assisting in the placement of nearly 50 vo-ag students on the farm over the last 10 years, Stan has helped coach FFA basketball and softball teams. He has been a chaperon for chapter delegates to the National FFA Convention, started a revolving swine project, and currently serves as secretary of the FFA Advisory Board.

If you think every Marine learns to handle a rifle, you're right. Nobody likes to fight, but somebody has to know how. So we look for men who can master basic infantry skills as part of their recruit training. A Marine quickly learns that he and his rifle are *one*. And that together, there is no better weapon in the world. **But if you think that's all he learns, you're wrong.** After recruit training, most Marines go on to other fields and other skills. And today a qualified man can *choose* the direction his training will take him before he enlists. If you're interested, say, in cars and motors, we can offer professional training in that field. If you've always wanted to work on airplanes, we've got programs in Aircraft Maintenance and Aviation Technology. Computers? Yes. Electronics? Yes. We've even got a program in Food Services. **We're looking for a few good men, to learn good jobs.** Think about it. Hard. If you've got what it takes, you can be a United States Marine *and* start a career in the field of your choice. If that sounds like the best offer you've heard from anybody, you're right.

Mike was flanked many times by Rodrigo, left, and Jose this past year as they sought to learn more about American agriculture and the operation of the FFA.

FFA Member Brings Colombians to U.S.

MIKE Martindale of Corunna, Michigan, was so influenced by his activities in the FFA Work Experience Abroad program in Columbia he set out to help the Future Farmers of Colombia (FAC) himself.

Upon visiting the agriculture schools operated by the Colombian Ministry of Education and the National Federation of Coffee Growers and witnessing an FAC regional convention, Mike noticed the adults doing much of the work in the 30-year-old Colombian youth organization. Students elect officers, but advisors conduct much of the meetings.

In a talk with Dr. Jafeth Garcia Rojas, the National FAC Committee Chairman, Mike was told the Colombian advisors did not feel the FAC members were capable of running their own organization. Mike disagreed and challenged them by developing a program to sponsor two students to come to the United States so they could prove their ability when they returned.

"My selections needed to be individuals who I could be personally responsible for," recalls Mike. "During the rest of my visit in Colombia I interviewed members and corresponded frequently with Dr. Garcia."

While visiting four more schools, Mike selected Rodrigo Soto as one participant. Rodrigo remembers being "very surprised" at the time because his family is very poor. Today Rodrigo says, "Now I know it is possible."

During his search for another student Mike remembered Jose Correa whom he met at the regional convention. Jose recalls he "never believed he would come to America."

Mike obtained permission for their visit from Dr. Garcia before leaving Colombia and later met with Manager of FFA International Programs Lennie Gamage, who helped with the visas and travel arrangements. Knowing the Colombian students were poor, Mike sent money to the students to take care of their medical requirements for coming to the U.S. and later purchased plane tickets for Jose and Rodrigo.

Rodrigo arrived on the Martindale farm in August of 1972, and during his first nine weeks here he worked with Mike at a research farm. With the arrival of Jose in October, the two students and Mike attended the National FFA Convention.

Rodrigo next attended classes—including vo-ag—at Corunna High School and notes some difference between the American school and his Colombian school. The activities of the FFA and FAC are somewhat similar, but he feels FFA members have more enterprises and chapter projects. Students number close to a thousand at Corunna and only 200 at his home school.

Jose, meanwhile, went to work at the research farm with Mike to learn how to operate machinery.

In late winter Mike took Jose and Rodrigo on a trip to the National FFA Center and Washington, D.C., before going on to see Disneyworld in Florida and returning to Michigan via Tennessee, Kentucky, and Indiana. All along the way Mike pointed out the different types of agriculture in the various states.

Getting jobs again, Rodrigo and Jose learned more about the customs and cultures of Americans. In addition to working on the Martindale 169-acre farm, Mike found jobs for the Colombian students at a bean and sugarbeet farm and on dairy farms doing chores and field work.

Impressed by the technology Rodrigo says, "Everything is faster here. Farmers get more done with machines in less time, but it is more dangerous than working by hand."

During their stay Jose and Rodrigo attended the Michigan FFA Convention and most of the Corunna FFA meetings. Both were furnished with an FFA jacket and were made Honorary Chapter Farmers.

Unable to even say "hello" in English when they came to the U.S., they now speak it very well and "hope" they haven't forgotten their Spanish. They point out seeing snow for the first time, swimming in the ocean, learning to drive a tractor, and eating American food as just some of their most exciting experiences this year.

Besides paying for their transportation expenses Mike furnished both students with clothes and other needs in this personal venture. In footing the cost of their stay Mike hopes the money earned by Rodrigo and Jose will be used to further their education.

Yet the main purpose of Mike bringing them to America was for both to learn how the FFA operates. With this in mind Rodrigo says, "I will try to tell members of the FAC how the FFA works and to find a correct way for involving students in Colombia."

Jose further explains, "I want to teach FAC members what I have learned on the farm and at chapter meetings." With the authority provided through Dr. Garcia they will be able to present their ideas to Colombian agriculture teachers and students.

Rodrigo and Jose ended their stay with Mike by thanking the Martindale family with a dinner. They then flew home after attending the State Presidents' Conference in Washington, D.C.

Mike, a graduate of a two-year soils technicians course at Michigan State, was employed as a technician by the Alaskan Research Service before working on Michigan research farms. Mike, an American Farmer degree holder, says, "Someday I would like to be an ag teacher in a foreign country."

Two POWs Were State FFA Officers

AMERICANS watched their TV screens last winter with tear stained eyes as the POWs returned from Viet Nam. Since then, it has been learned that two former state FFA officers were in the group.

Air Force Colonel James E. Bean was a member of the Bardstown FFA Chapter, in Kentucky, and was president of the state association in 1942. He now lives in Arlington, Virginia.

Air Force Captain Joseph E. Milligan, of Annandale, New Jersey, was a member of the North Hunterdon FFA Chapter and served as secretary of the New Jersey FFA Association in 1960-61.

Both men have renewed their contacts with FFA. Colonel Bean was a featured speaker during the State Presidents' Washington Conference in July. Captain Milligan was elected president of the FFA Alumni in New Jersey.

Colonel Bean did not serve a full term as state president before he joined the Air Force during World War II. He was called to active duty in February, 1943, and has been flying ever since except for the five years, 2½ months he spent as a POW. Colonel Bean is married and has two sons.

Captain Milligan spent five years and nine months as a POW. He is presently studying to be a veterinarian and was just recently married to a nurse he met while in the hospital after returning to the United States.

Colonel James Bean speaking at State Presidents' Washington Conference.

In describing his confinement to the state presidents, Colonel Bean said he spent 957 days in a solitary cell 7- x 8-feet furnished with two concrete slabs and two blankets. Another blanket was added when he was transferred to the "Hanoi Hilton." He said one thing hardest to adjust to was living on two cups of water a day, hardly enough to support life. After 1969, he said they were given another cup. Another was the temperatures which varied in the cells from as low as 38 degrees to a high of 90 to 100 degrees in the summer with high humidity. Meals twice a day were mostly a thin soup made from cabbage or other vegetables.

Both men said about the only news they received while a POW was bad news and news about the anti-war demonstrations, and visits by these groups to Hanoi. "Everything bad," is the way Colonel Bean described it.

How were they able to endure these conditions and the physical torture? Colonel Bean said for him it was his faith in God, his faith in his country, and his faith in his fellow Americans.

Captain Milligan said his religious faith and FFA training were a big help.

Captain Milligan reported that when his group returned to the United States they were so excited they could not sleep for three days and nights. They had not expected anyone to meet them and were surprised when the plane landed to find thousands at the airport for their welcome home.

Captain Joseph Milligan, left, visits with FFA Alumni Secretary Jay Benham.

We Salute NVATA on Their Silver Anniversary

—25 years of professional leadership and service—

THE National Vocational Agricultural Teachers Association (NVATA) is 25 years old this year. Your FFA advisor is almost certainly a member, so why not wish him a Happy Birthday?

The NVATA was founded on December 2, 1948, in Milwaukee, Wisconsin. Lionel E. Cross, vocational agriculture instructor at San Jose, California, served as its first president. Since then, the organization has provided 25 years of professional leadership and service for the nation's vocational agriculture educators.

According to NVATA's current national president, Francis Murphy, from Madison, South Dakota, the NVATA has constantly promoted programs that further the causes for vocational education, especially in agriculture. Mr. Murphy said, "It is continually on the defensive against those forces whose main concerns apparently are to weaken agricultural education, dilute administrative forces, and dismantle the organizational structure."

At the present time, NVATA has over 10,000 members. It is an affiliate organization of agricultural educators within the Agricultural Division of the American Vocational Association. Since 1965 the NVATA has had ex officio representation on the National FFA Board of Directors and since 1970 membership on the National FFA Foundation Board of Trustees.

Countdown for the Silver Anniversary celebration is now in progress with numerous activities planned for the organization's annual meeting to be held in Atlanta, Georgia, December 1-5. The two "big days" are December 1 and 2. Many past national officers are planning to attend and state associations are being urged to bring large delegations.

A 25-year history of the NVATA is being written by Mr. Sam Stenzel, assistant to the NVATA executive secretary, and the history will be available for purchase at $2.00 per copy during the NVATA National Convention. After the Convention the price will be $3.50 each. Those not attending the Convention can have someone who will be there purchase a copy for them.

In looking to the future, President Murphy said, "The NVATA will continue its role of professional leadership in updating, promoting, and furthering vocational education in agriculture. The NVATA realizes that the heart of the program in agricultural education is the individual member teaching in his community. The NVATA is a member oriented organization and the individual member is the most important link in the total structure."

Congratulations on 25 successful years. Best wishes for many more as you serve agriculture and youth.

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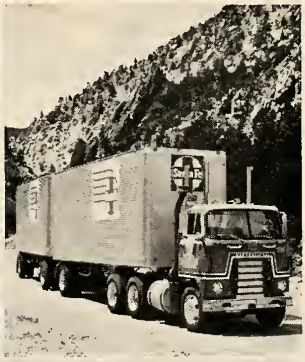

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FFA in Action

BEAUTIFICATION

Flower Power

In 1972 the Evansville, Wisconsin, Chapter officers decided to include an enlarged BOAC committee in the chapter program of work. They named a committee of 14 active members with a co-chairman who in turn laid the ground work for the year's plan. The committee first investigated various community needs and ranked beautification first. Their BOAC theme for the year became "Flower Power 73—A Chapter for Community Improvement."

The chapter decided to concentrate on four areas in the community where beautification was needed. Ground was broken for a 10-foot by 15-foot stone welcome sign located at the city limits. The sign included plantings of FFA colors using marigolds and petunias.

This sign was financed with proceeds from an 18-acre chapter corn plot and support from the Evansville Lions and Jaycee's.

The second phase of Flower Power was a flower bed shaped in the form of an "E" displaying the school colors in front of the high school. More than 120 blue petunias formed the "E" around which white stone was placed to show blue and white school colors.

The third phase of the Flower Power activities started when an official from the city park commission appeared at a chapter meeting to request the chapter's help in establishing a flower bed in the city park during Spruce Up Day. The members voted to construct an oval bed of dusty miller, petunias, and marigolds. Over 200 plants were used in making this bed.

The final flower project was helping the Brooklyn Bowhunters Club beautify their club house.

Seed for all of the flower projects were germinated by the sophomore horticulture class. *(Terry Johnson, Vice President; Ray Weigand, Advisor)*

Members worked hard on the flower bed to improve their school's appearance.

Ecology Attitude

The Vernon, Florida, Chapter has taken a serious attitude about community improvement, ecology, and beautification, and they have received a number of honors for their efforts.

The Environmental Protection Agency, of Atlanta, Georgia, sent the chapter a letter commending them on their outstanding environmental work.

Mrs. Dorothy DaValt, president of the Florida Education Association and a member of the board of directors of Keep America Beautiful, Inc., came to Vernon High School and in a special ceremony presented to the chapter a 1972 Distinguished Service Citation from KAB for programs in litter prevention.

The chapter received the southern region award plaque in the 1972 National Junior Horticulture Association's Environmental Beautification Awards Program, and was second in the nation. The main project the chapter undertook was helping the Vernon Booster Club redo the Vernon High School football stadium. The field was grassed with Tifton Bermuda sprigs, an irrigation system installed, home bleachers erected, a concession stand built, an 8-foot block wall was erected in front of the field with a chain link fence around the other three sides, and the visitor bleachers were repaired and painted.

Back in 1970, the chapter won the Southern Region Environmental Beautification award for the NJHA. The main project that year was relandscaping the front of the high school.

The Vernon Chapter has formed a Vernon High School Ecology Club in cooperation with the Ecology Council of America. *(D. B. Hendry, Advisor)*

INTERNATIONAL

World Judges

The Owatonna, Minnesota, FFA dairy judging team went to a judging contest in Wales and captured fourth.

The team of Ken Knutson, Mike Deming, and Dean Jirousek with Steve Deming as alternate won the National FFA Dairy Judging Contest last fall.

Then they were extended an invitation to be FFA's representative at the

Royal Welsh Agricultural Society Limited dairy cattle judging competition in Wales, Great Britain. The invitation came to the team through the international activities office at the National FFA Center.

Since the school could not finance the project a special finance committee headed by Chapter President Mike Wesely with Vickie Ebeling and Carol Ahlborn went to work. Support came from all segments and the original goal of $3,000 established by Glen Edin was reached months ahead of the trip. The fund raising drive went over $5,000.

According to Advisor Edin, "We had the opportunity to judge British Friesian Holstein cattle, which are different from ours. We compared those with our Holsteins and the Dutch Holsteins, so we had just a little bit of a problem.

"And we had the opportunity to see all the Ayrshire and many of the beautiful animals they do have."

SERVICE

Wheels for Tiger

The 65 members in the Vernonia, Oregon, FFA are average members with problems and delights like teenagers all over the country. But in some ways they exceed their contemporaries.

They took top honors at the state Forestry Skills competition this year, placing first against 16 other schools.

But proud as they were of this accomplishment, there is one that pleased them more. They gave "wheels" to Tiger who otherwise would have been forced to depend solely upon others for his every movement.

Don (Tiger) George was seriously injured in an auto accident one snowy night in 1971, when the car in which he was riding skidded on the icy pavement, left the road, and rolled over.

For months Tiger was in the veterans hospital. But his fierce independence helped him regain use of his left arm, just as he had already overcome one handicap, the lose of his right arm in an accident while in service.

One day, Dick Trahan, with whom Tiger was living, approached FFA Advisor Kabler and asked if there was some way a trailer could be built that would carry Tiger's electric wheelchair and give him mobility.

The FFA went to work on the problem of building a small unit sturdy enough for the roads yet functional, easy to park, and handy to unload.

They devised a small trailer with a ramp for removing the chair. After a few experimental tries, the unit was pronounced a definite success, and Tiger had wheels. It is so convenient the chair is always parked on the trailer waiting to roll whenever Don feels like going.

FUND RAISING

Haul Off Hay

Amphitheater, Arizona, FFA members have a deal going to rake, bale, and haul grass hay from the fields of the Tucson Plant Materials Center (PMC). Members trade their labor for the hay and use it to feed their livestock.

PMC is happy to have the hay removed after they have harvested seed crops in order to start irrigating on schedule again. Their work load for cleaning, drying, and storing seeds doesn't allow time for baling the hay.

The school and plant farm are close enough together so that the project is also a learning-in-the-field opportunity for the FFA members. Both the advisors and plant superintendent are on hand to help the students learn.

ENVIRONMENT

Government Ground

Columbia's Hickman, Missouri, FFA took on 40 acres of state land to develop a wildlife conservation project. They discovered the community needed to have a nearby hunting area with good quality game habitat and numerous species of wildlife. They also determined Cedar Creek had a high concentration of silt which makes poor fishing.

Plus the chapter felt a need for a scenic picnic and hiking area in the community away from town.

The project became their official BOAC effort and got full support. Dave Hamilton was named chairman. The chapter had campouts and work days at the Cedar Creek area. Other school clubs helped work on the project and conservation groups lent support, too.

The members built 15 check dams in

(Continued on Next Page)

The chapter's goal was stopping silt build up in the creek with check dams.

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FFA in Action

(Continued from Page 55)

eroded gullies to control erosion in the creek. Twenty acres of thick woods were thinned to increase the nut crop—they left mature nut bearing trees.

Brush piles for wildlife cover were built with cut brush and with used Christmas trees they gathered.

Four acres of food plots for wildlife were planted along with 200 shortleaf pines, 50 scotch pines, 50 maples, and 150 black walnut trees. Equipment was furnished by members.

Members built five squirrel nesting boxes and ten bird houses in shop and then put them up.

HONORS

Top Teen

Kelley Johnson, 17-year-old president of the Seminole Chapter, in Pinellas County, received a trophy from Florida's Governor Reubin Askew on May 17, 1973, at the state capital in Tallahassee, Florida. Kelley was selected from over 500 high school students in the state, and he was chosen the Outstanding Teenager of Florida for 1973.

Florida News Bureau Photo

Florida's Governor Reubin Askew, at right, congratulates Kelley Johnson.

Kelley has been president of his local chapter for two years. He has been a delegate to the state convention and he has been a member of the beef and swine judging teams at the state fair.

A Star Chapter Farmer, Kelley, received the Senior Showmanship award two years at the county fair.

In June, 1973, Kelley graduated with honors from Seminole High School. His FFA chapter presented him with a special award for his work in building a small chapter to a large and active FFA membership of 180 in 1973. Kelley will attend the University of Florida to study finance and agriculture.

Egg Manager

Randy Gillespie's poultry program is not normal. "It's super," says Alabama Ag-Ed Supervisor H. W. Green. And as evidence, Randy won the 1972 National FFA Poultry Proficiency award.

Born with an open-end spine, Randy's life-long ambition has been to lead a normal life. That's why he enrolled in Instructor J. C. Shewbart's agribusiness classes at Alabama's Speake High School and initiated an occupational experience program when his classmates did five years ago.

Growing 1,200 hens from day-old chicks to layers was Randy's official start in the poultry business. But since that beginning, Randy has increased his scope as he accumulated experience and know-how. Today he has a 40 percent interest in a production-processing poultry complex which moves eggs from hen to housewife. His present volume is 320,000 layer hens and 175,000 replacement pullets.

According to Randy, "What has kept us in the poultry business is our efficiency. We produce birds from chick to layer in 21 weeks. We get 260 eggs per hen per year, and we strive

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"It's a long way from a Lawrence County farm hen to a New York City homemaker, but Gillespie Eggs selling cry is 'Sure Fresh,'" points out Randy. He capitalizes on automatic equipment to speed delivery and offset his physical disability. "When it comes to maintaining poultry house equipment." says Randy, "about the only thing I can't do is climb ladders."

But Randy Gillespie has done more than gather and package eggs. He has been a class officer and kept official "stats" for football and basketball, and is active in church. Randy is a holder of the State Farmer degree. *(Cecil Gant)*

SUPPORTERS
Silver Thank You's

FFA'ers went to New York to honor 25 years of support from Agway, Inc. to the FFA Foundation. From the left are 1972 Star Farmer, David Galley; Bruce Erath, vice president; Mr. Goddard, Agway; Dwight Seegmiller, president; and Wayne Fletcher, state president.

Mr. James Murphy, left, accepts the plaque recognizing the 25 years of support of Owens-Corning Fiberglass. Martin Noblit and Duane Hohlbein of Penta County, Ohio, represented FFA.

New Sponsor

The Soil and Water Management award is one of 15 agricultural proficiency awards presented in 1973 by the National FFA Foundation. It is sponsored by the Ford Motor Company Fund, Detroit, Michigan, as a special project of the FFA Foundation.

Up to now, five other national FFA proficiency award programs are supported as special projects of the National FFA Foundation. Crop Production is sponsored by Producers of Funk G Hybrids; Ag Electrification by the Electric Energy Association; Ag Mechanics by International Harvester; Ag Sales and Service by Allis Chalmers Corporation; and Dairy Production by Celanese Chemical Company.

Chapters recognize members for the Soil and Water Management Proficiency award by presenting a medal and certificate. Chapter winners may compete at the state level where the winner is presented a check for $100 from the National FFA Foundation, Inc. State winners then compete for recognition in each of the four FFA administrative regions. Each regional winner earns a check for $250 and a plaque plus partially paid travel expenses to the National FFA Convention in Kansas City, Missouri. Here his management program is judged against winners from three other regions. The top FFA member in the national in Soil and Water Management receives a plaque and a check for $500 at the convention.

As sponsors of the Soil and Water Management award the Ford Motor Company Fund provides money for awards, travel by winners, and administrative expense.

PUBLIC RELATIONS
Chow Down

The Dawson, Minnesota, pie eating contest in the elementary school attracted lots of attention for the chapter.

The object, of course, was to see who could eat a cherry pie the fastest, without hands. Cherry pies were used to tie-in with Washington's birthday.

The first division consisted of one boy and one girl from each class of the first, second, and third grade classes. These students had to eat one-third of a pie. The winner was Darla Smid of Miss Glad's third grade class. This class was awarded five cherry pies.

One boy and one girl from each class of the fourth, fifth, and sixth grades were the competitors of the second division. These students ate one-half of a cherry pie with no hands. Lori Halvorson, a member of Mr. Helgeson's fifth grade, was group winner.

Two high school students and three teachers competed against each other in the third division. The participants had to eat one cherry pie that had whipped cream on top. This group included students Dale Sommerfeld and Milton Kienholz, and teachers Dan Boettger, Paul Helgeson, and James Hahn (advisor). Dale Sommerfeld was the winner of this division and he won a pie!

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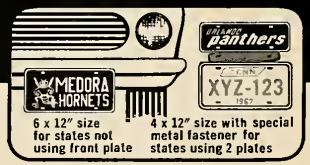

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In the hill country a farmer's mule kicked his mother-in-law to death.

After a gigantic crowd of mostly men turned up for the funeral, the preacher said, *"It is wonderful to see this many people filled with the spirit. They left jobs to come here to honor the dead. Thank God!"*

"Preacher," said the surprised farmer, *"they ain't here for the funeral, they've come to buy my mule."*

Wesley Thom
Carthage, Missouri

Why is a kiss on a telephone like a straw hat?

Neither one is felt.

Lynn Raper
Harrisburg, North Carolina

Patient: *"Why is the nose in the middle of the face?"*

Doctor: *"Because it's the scenter!"*

Albert Jackson
Sunny South, Alabama

History student: *"Think of those Spaniards—5,000 miles on a galleon."*

Classmate: *"Forget it, you can't believe all you hear about foreign cars."*

Michael SaFranko
Trenton, New Jersey

Hal: *"What is money called in France?"*

Al: *"I don't know."*

Hal: *"French bread."*

Alan Hall
Franklin, Indiana

An angler carrying a huge fish met another fisherman whose catch consisted of 12 little fish. *"Howdy,"* said the first man as he laid down his big fish and waited for a comment.

The other fisherman stared at it for a few moments, then calmly remarked, *"Just caught the one, eh?"*

Todd Jucht
Emery, South Dakota

"I've got to get rid of the chauffeur," complained the husband. *"He's almost killed me four times."*

"Oh," begged the wife, *"please give him another chance."*

Donna Sieker
Ellinwood, Kansas

Ed: *"When I leave for work my wife kisses me on the forehead. What should I do?"*

Fred: *"Wear high heels."*

Kenny Davis
Atkins, Arkansas

Joe: *"Do you know that the weeks in Kansas are shorter?"*

Judy: *"You're fooling."*

Joe: *"Not at all. It says in this book that in Kansas the wind blows five days out of every week."*

Mike Beckman
Houston, Minnesota

Boy to mother: *"You never mention the dirt I track out!"*

Rickey Bassham
Rogersville, Alabama

Charlie, the Greenhand

"Charlie will never let us forget his hog won First Prize four years ago."

Political Candidate: *"How did you like my speech on the agricultural situation?"*

Farmer: *"A good rain would have done us a lot more good!"*

Marvin Williams
Reeds, Missouri

Teacher to Billy: *"Do you want to go to heaven?"*

Billy: *"I better not, my mother told me to come straight home after Sunday school."*

Benny Lee Spears
Wabboseka, Arkansas

Huey: *"Who is bigger, Mrs. Bigger, Mr. Bigger, or their baby?"*

Dewey: *"The baby, of course! He's a little Bigger."*

Keely Scott
Douglas, Wyoming

Teacher: *"When you have to hammer a nail, how can you avoid hitting your thumb?"*

Pupil: *"Get someone else to hold it."*

Carrie South
Cloverdale, Alabama

Bill: *"Have you ever heard the joke about the jump rope?"*

Will: *"No."*

Bill: *"Skip it."*

Kenny Porche
New Roads, Louisiana

Jack: *"Walking through the park last night reminded me of an orchard."*

Tom: *"Why is that?"*

Jack: *"A pair was under every tree."*

Harry Stride
Bradford Center, Maine

Charles: *"For 16 long years my girl and I were deliriously happy."*

Edward: *"Then what happened?"*

Charles: *"We met."*

Alton Schaefer
Norton, Texas

Mr. A: *"My son really believes that he's a chicken."*

Mr. B: *"Why don't you take him to a psychiatrist?"*

Mr. A: *"We need the eggs."*

Don Lilly
Tyler, Texas

Ed: *"How much are these diapers?"*

Clerk: *"Fifty-nine cents, plus tax."*

Ed: *"Skip the tax we'll pin 'em on."*

Mary Dvorak
Belle Plaine, Minnesota

Diner: *"Bring me a pork chop and make it lean."*

Waiter: *"Which way?"*

Jerry Jones
Swainsboro, Georgia

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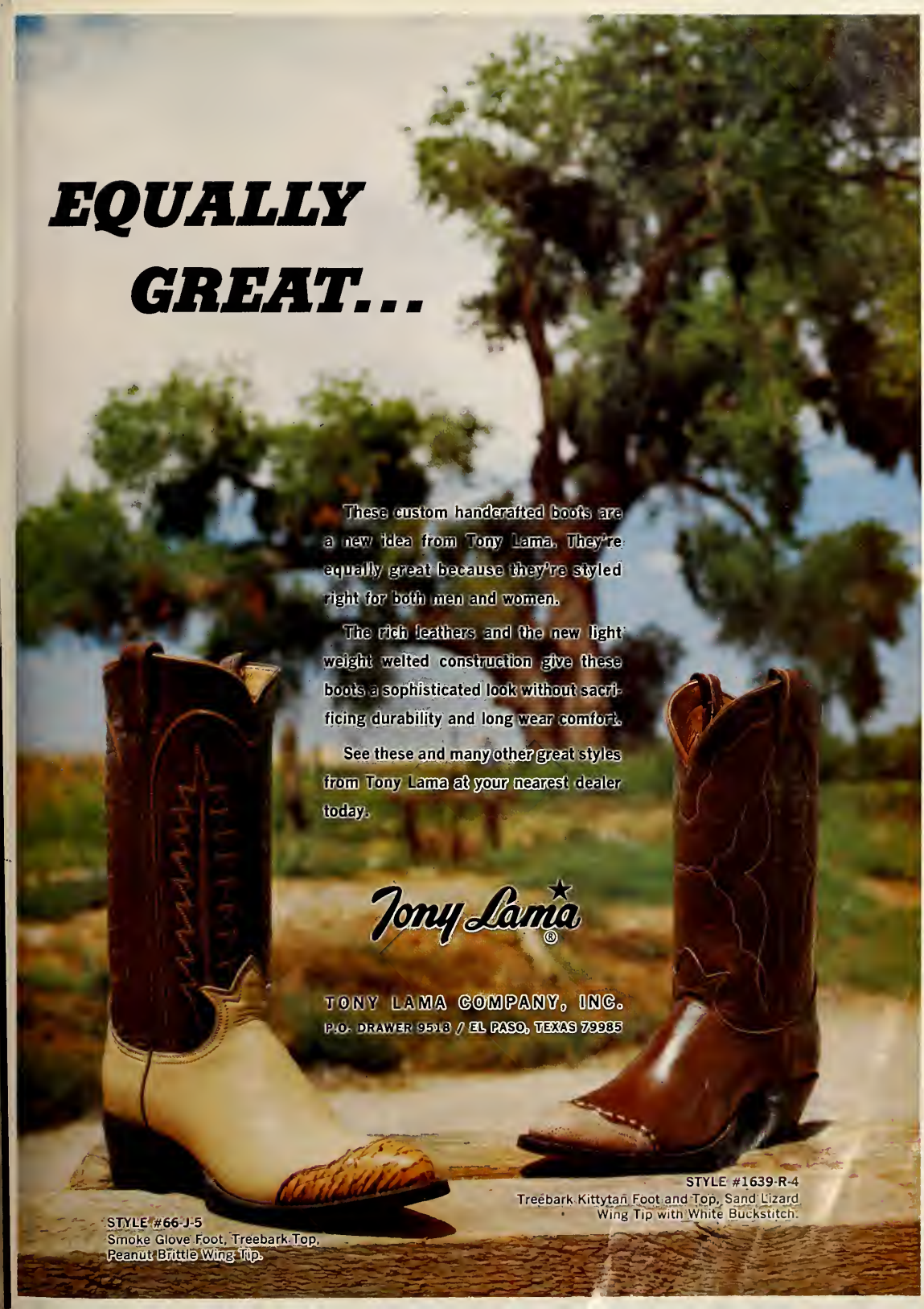
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